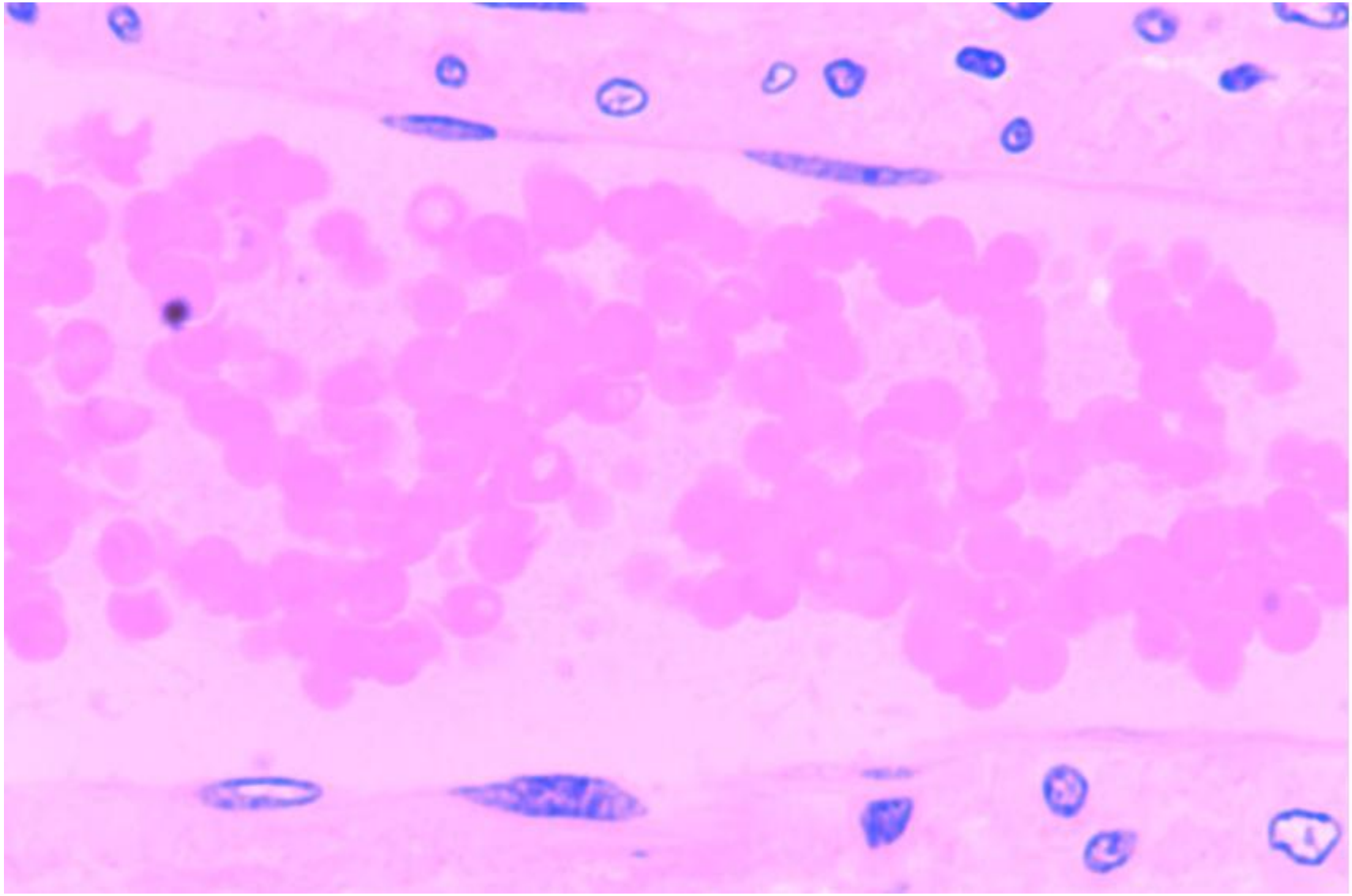
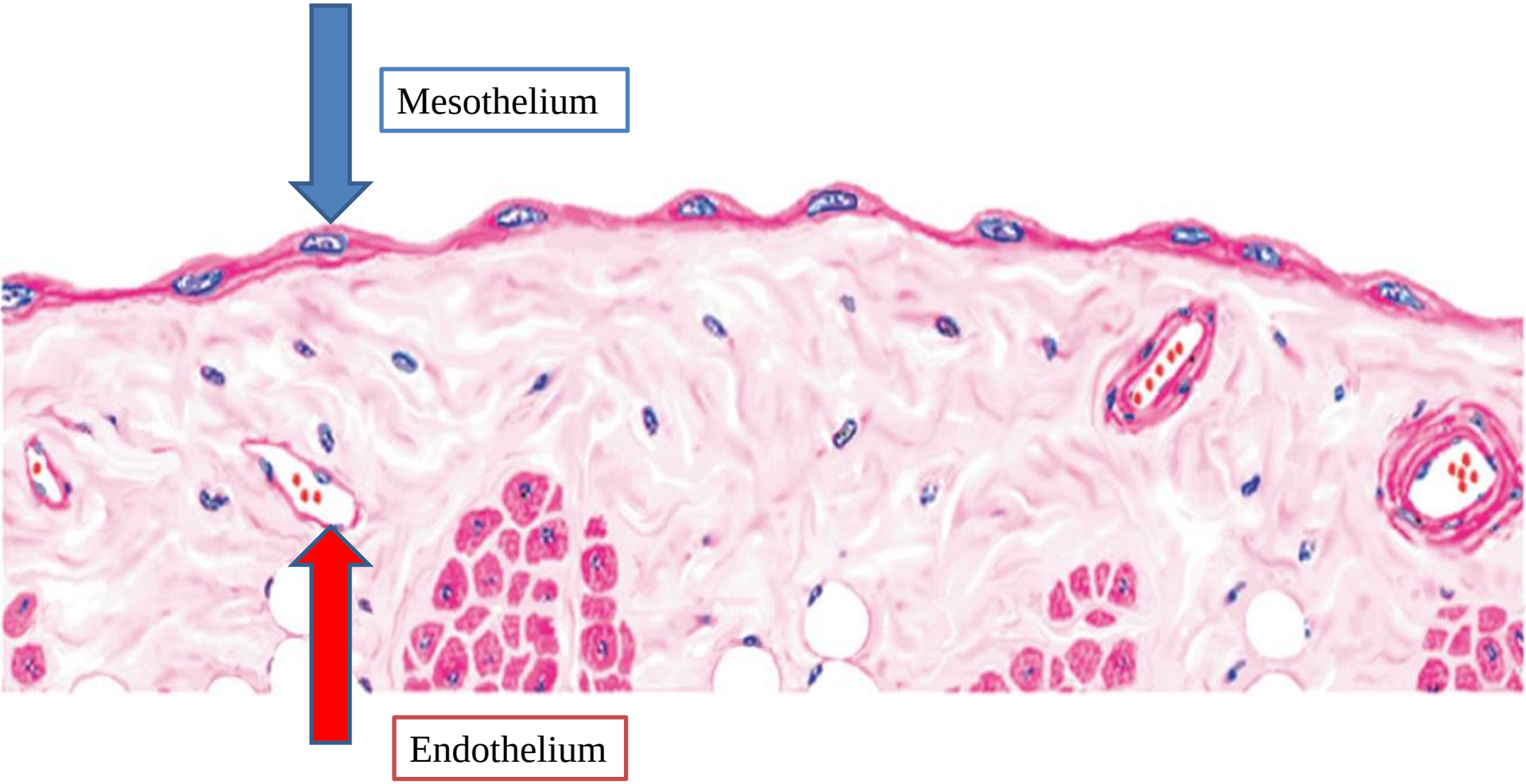
Practical sections-
General Histology

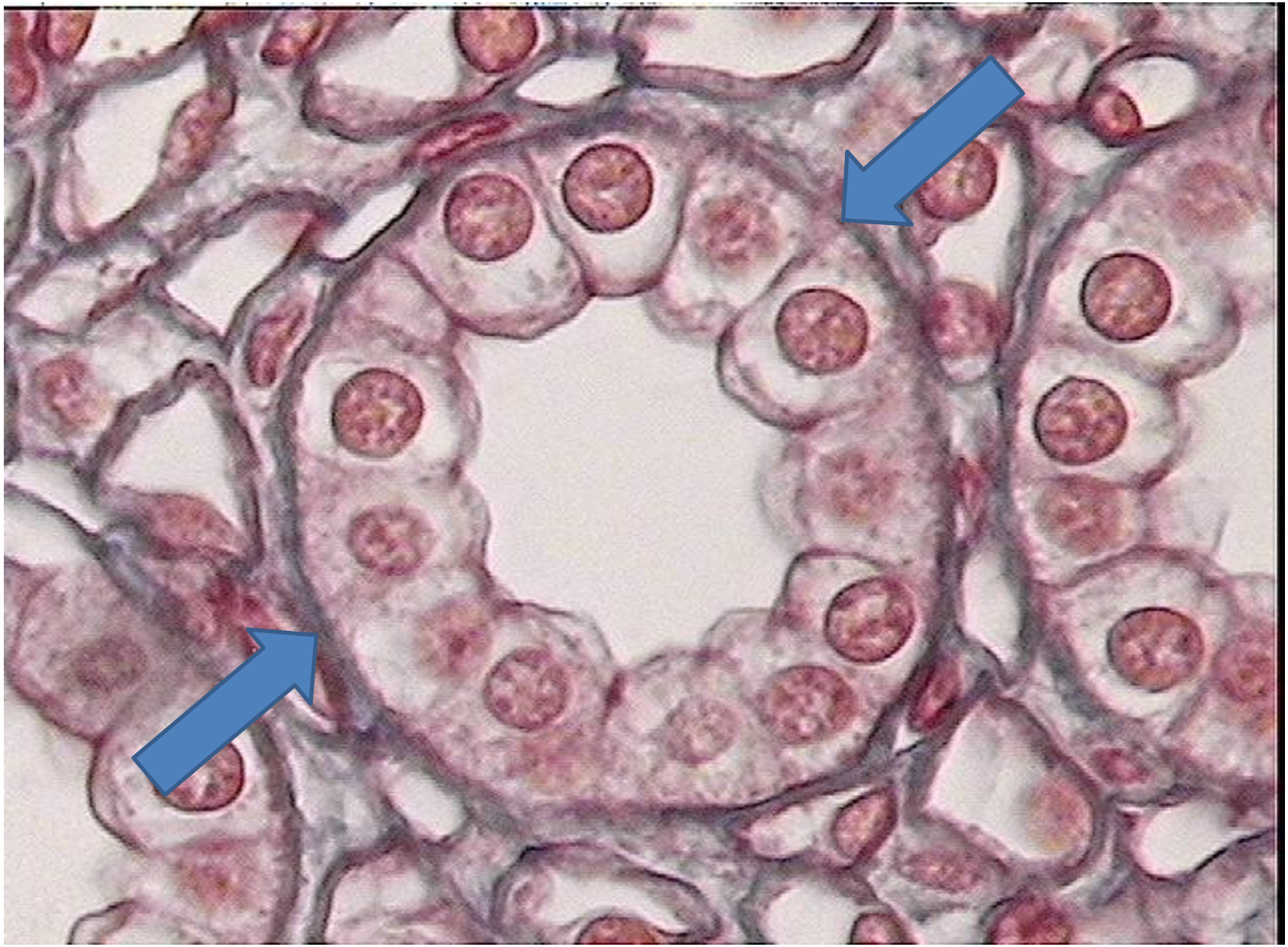
Epithelium

Simple squamous epithelium

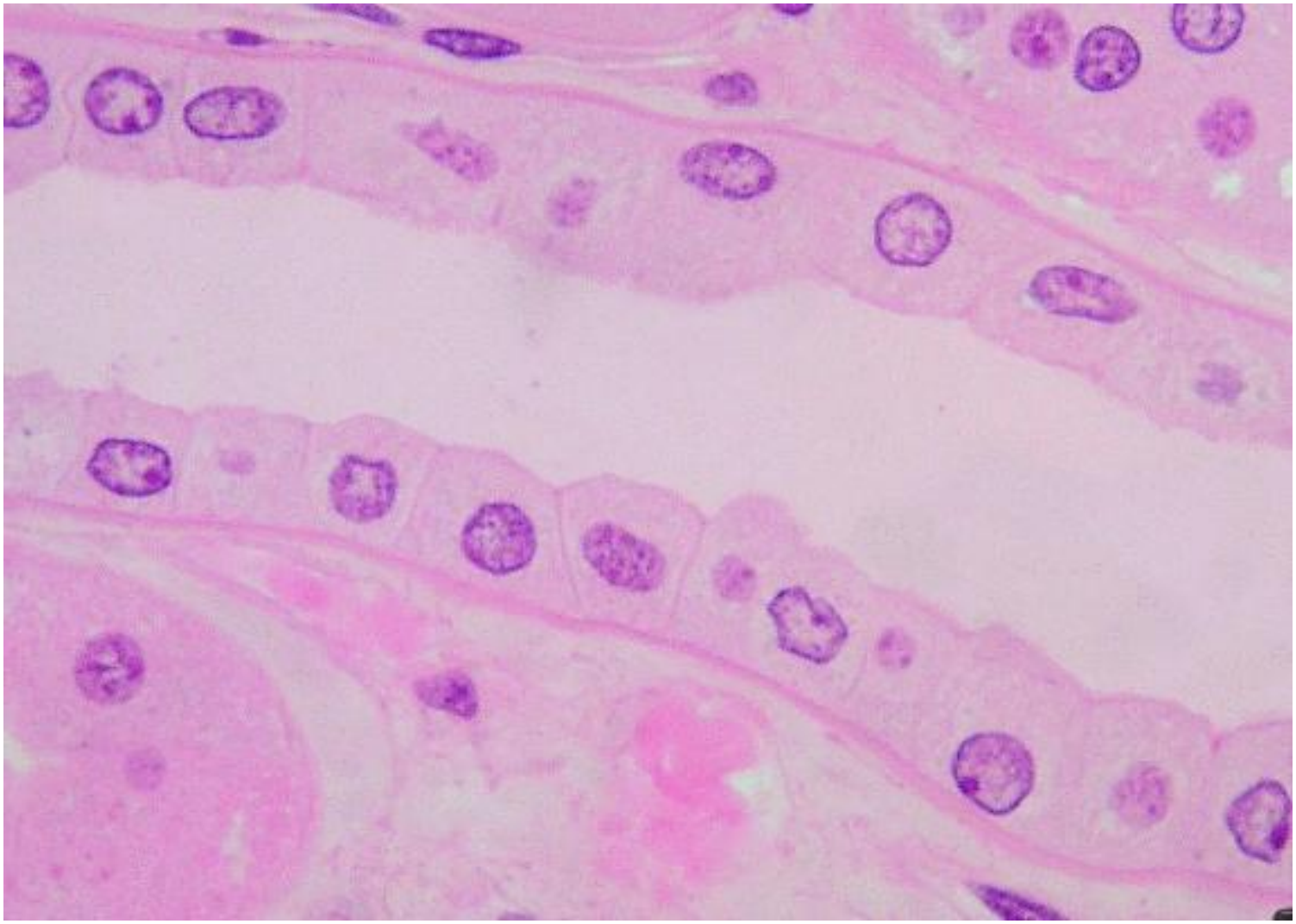



Mesothelium
Endothelium

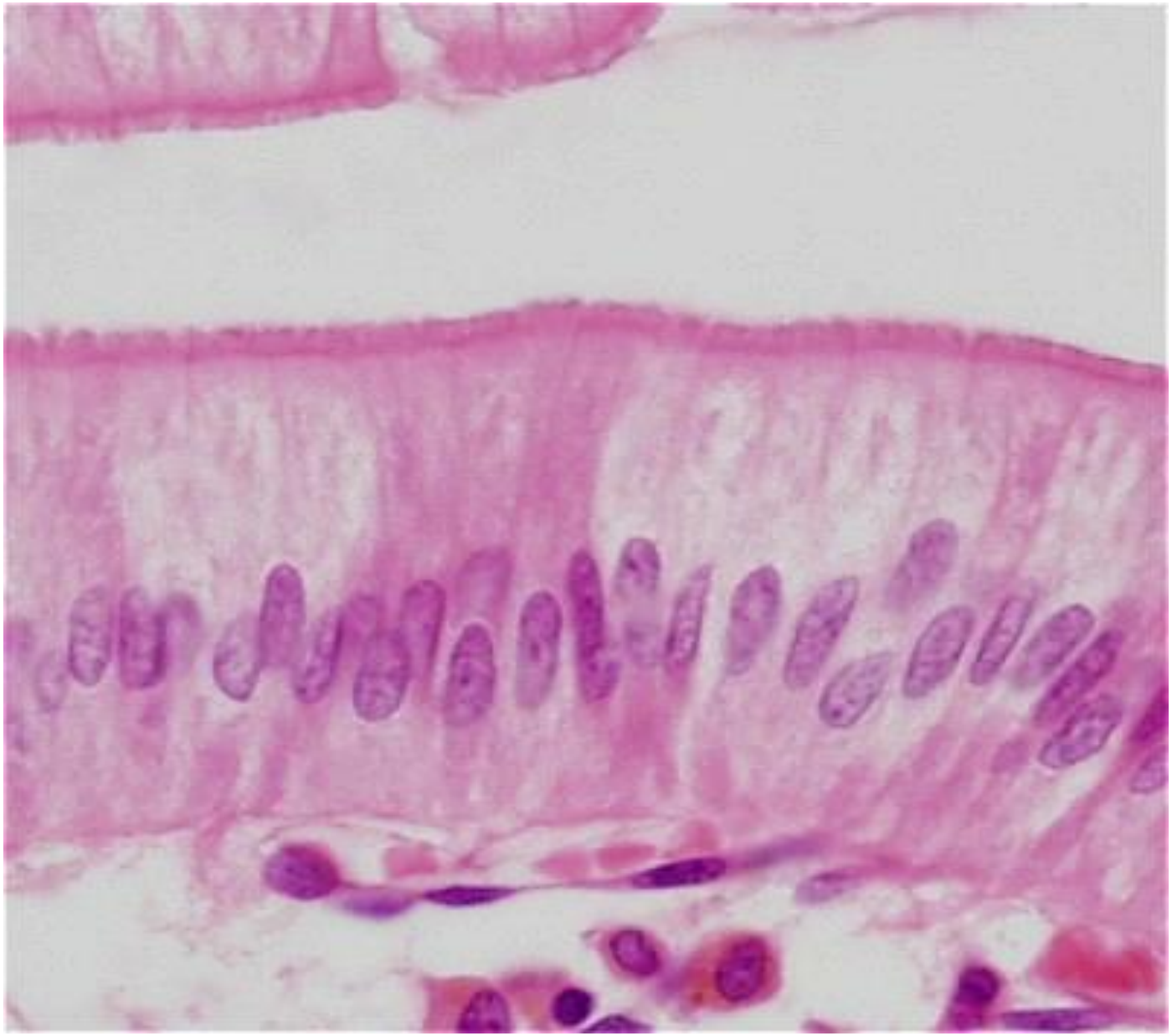
Simple cuboidal epithelium



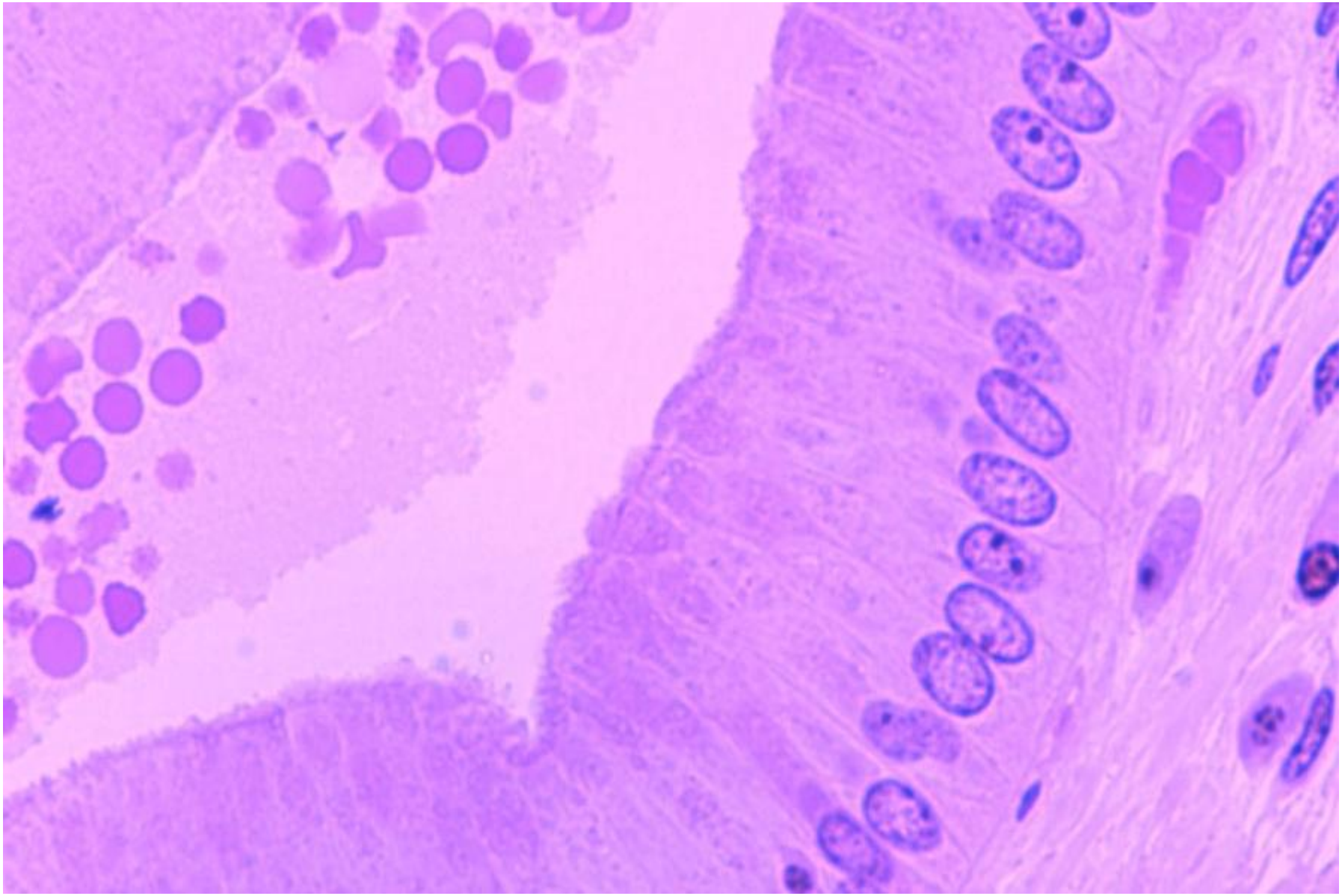
Simple cuboidal epithelium



Simple columnar epithelium with microvilli

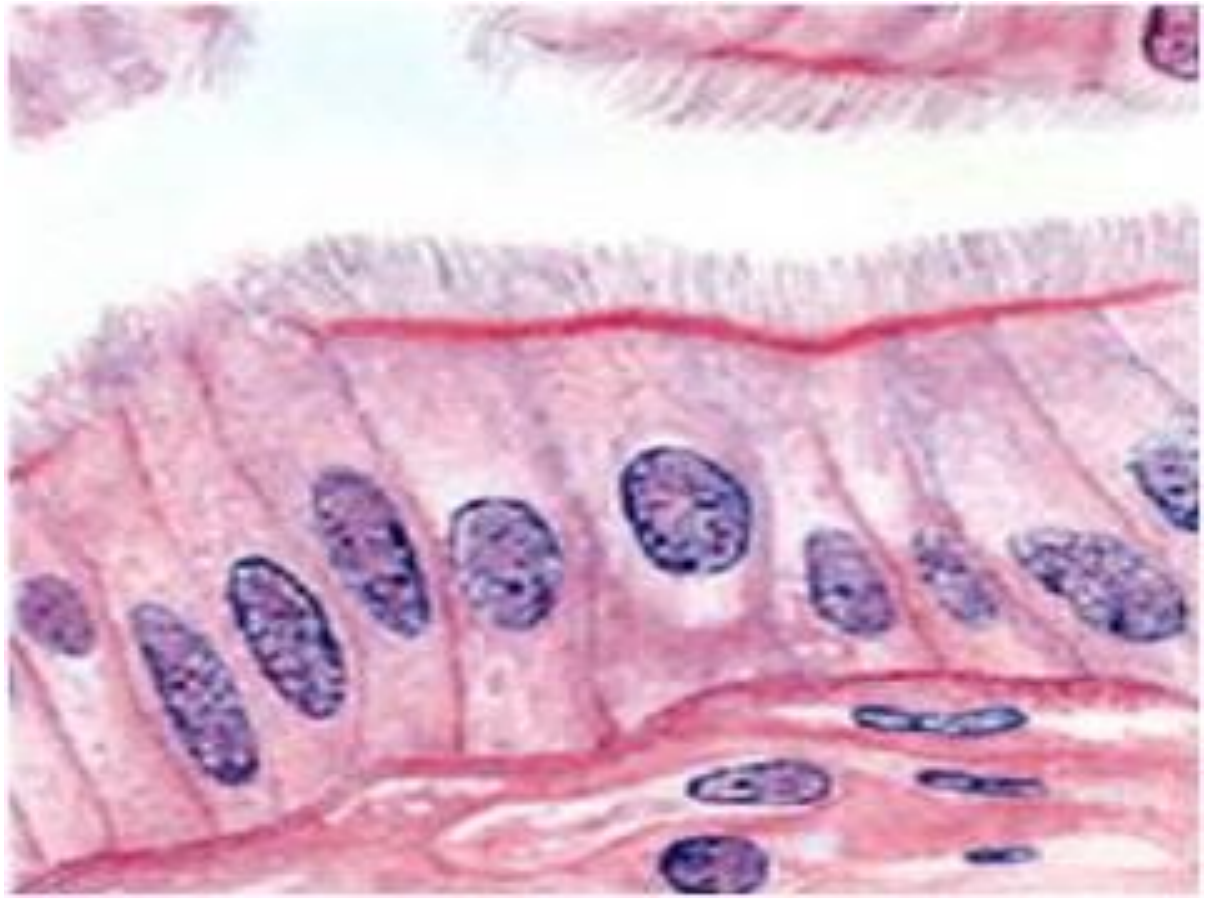


Simple columnar epithelium with microvilli



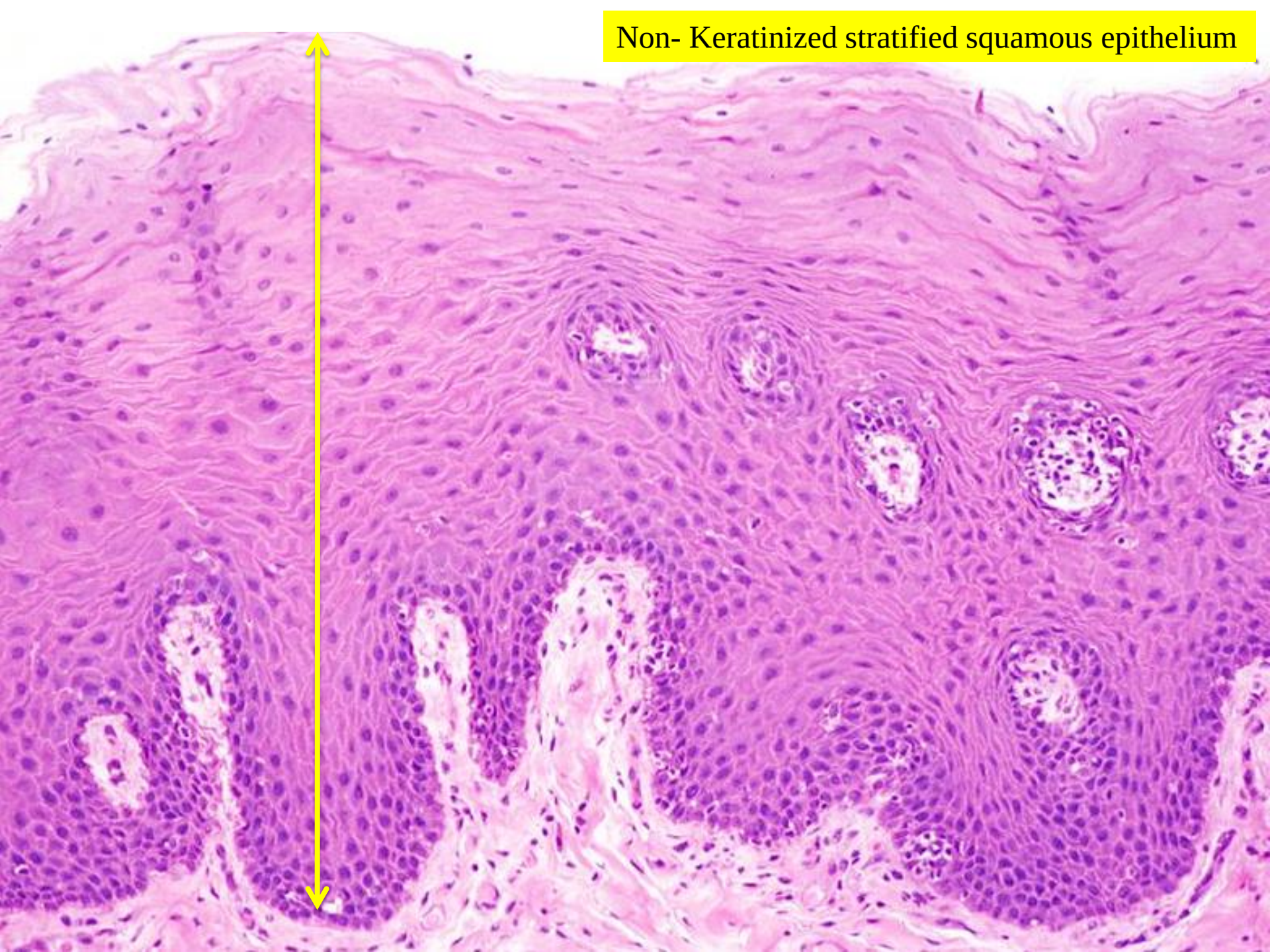
Simple columnar epithelium with microvilli

Ciliated simple columnar epithelium



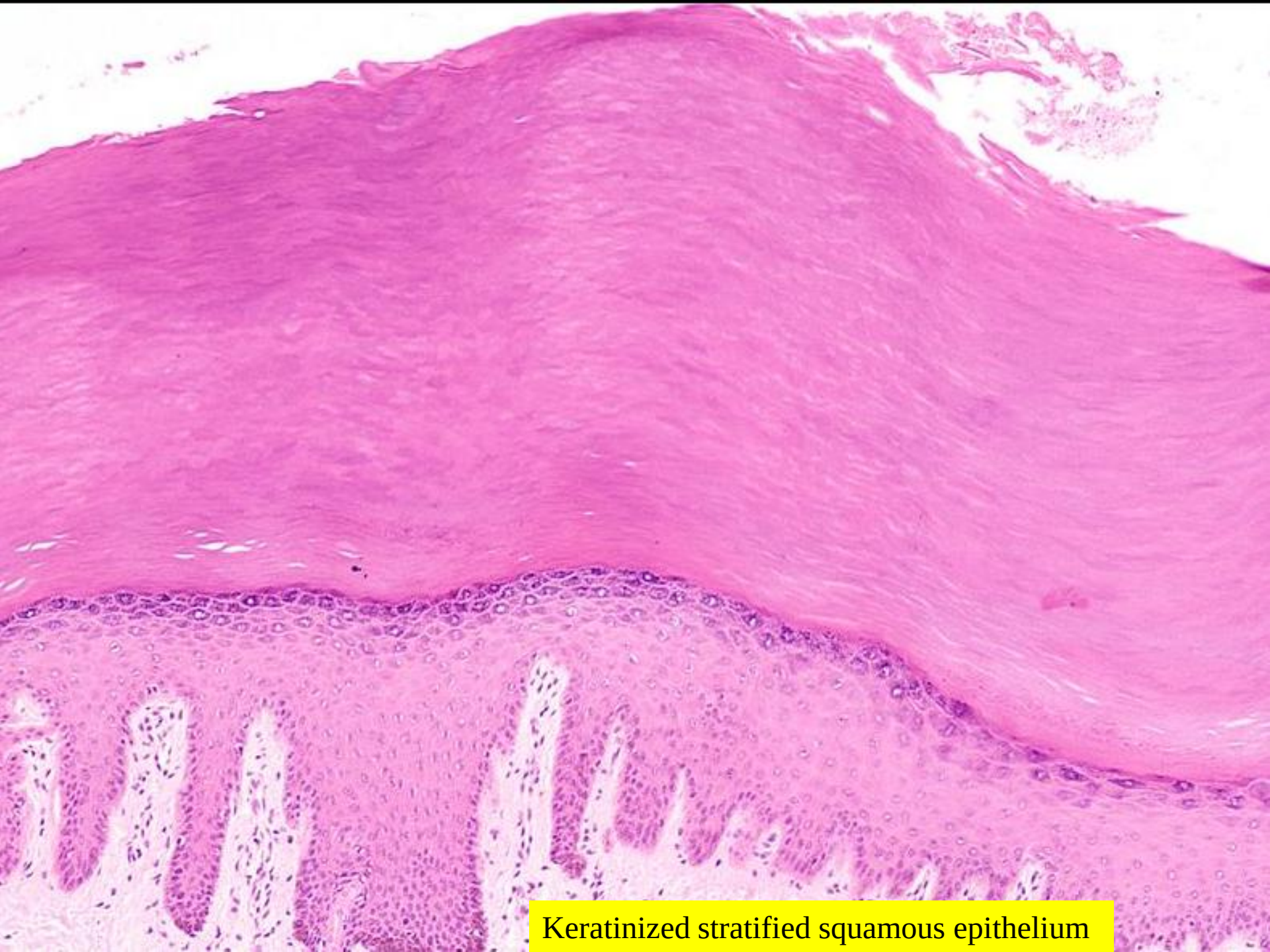
Ciliated pseudostratified columnar epithelium with goblet cells

Ciliated pseudostratified columnar epithelium with goblet cells


Non- Keratinized stratified squamous epithelium

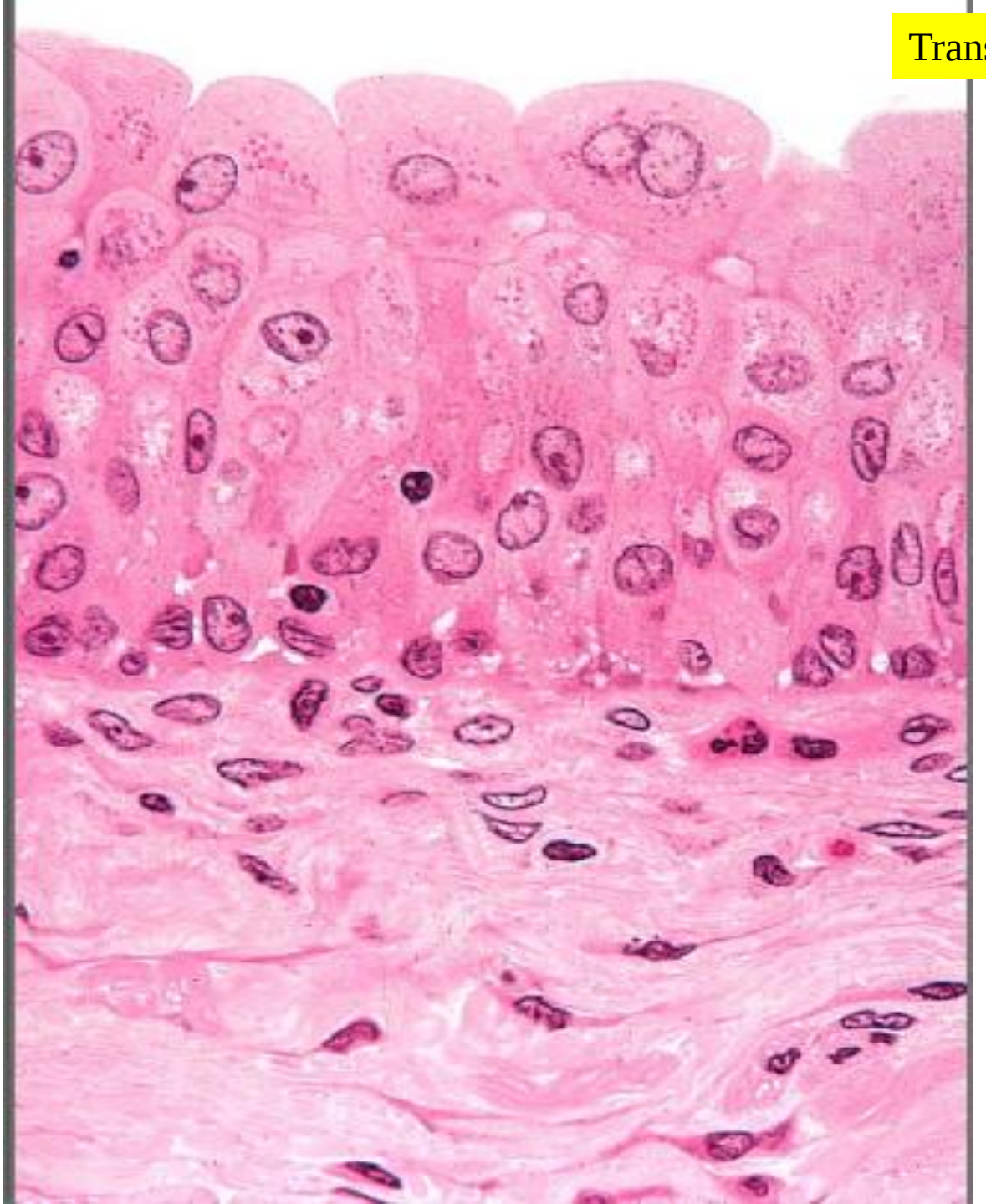
Non- Keratinized stratified squamous epithelium

Keratinized stratified squamous epithelium

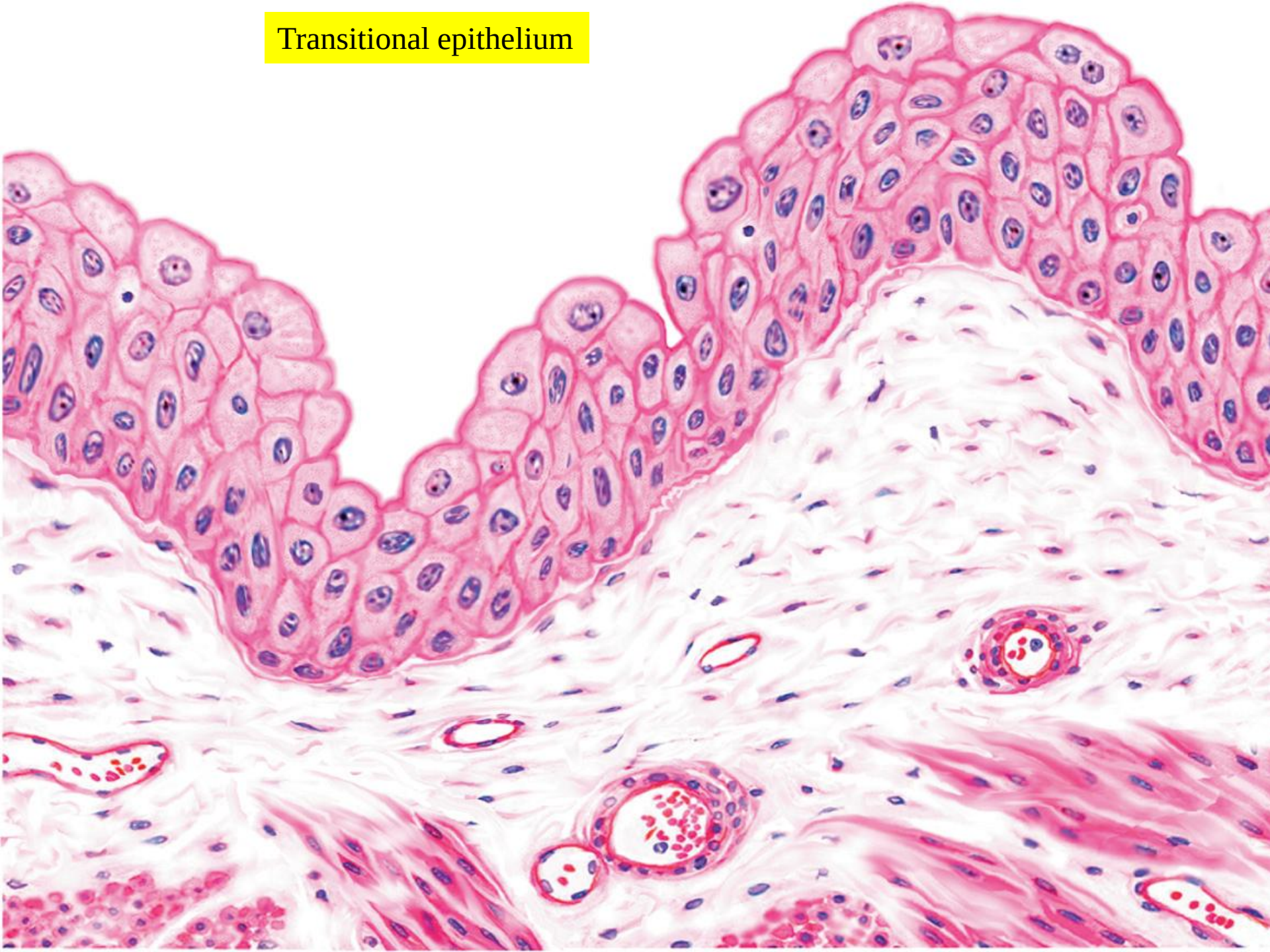

Keratinized stratified squamous epithelium

Stratified cuboidal epithelium

Transitional epithelium

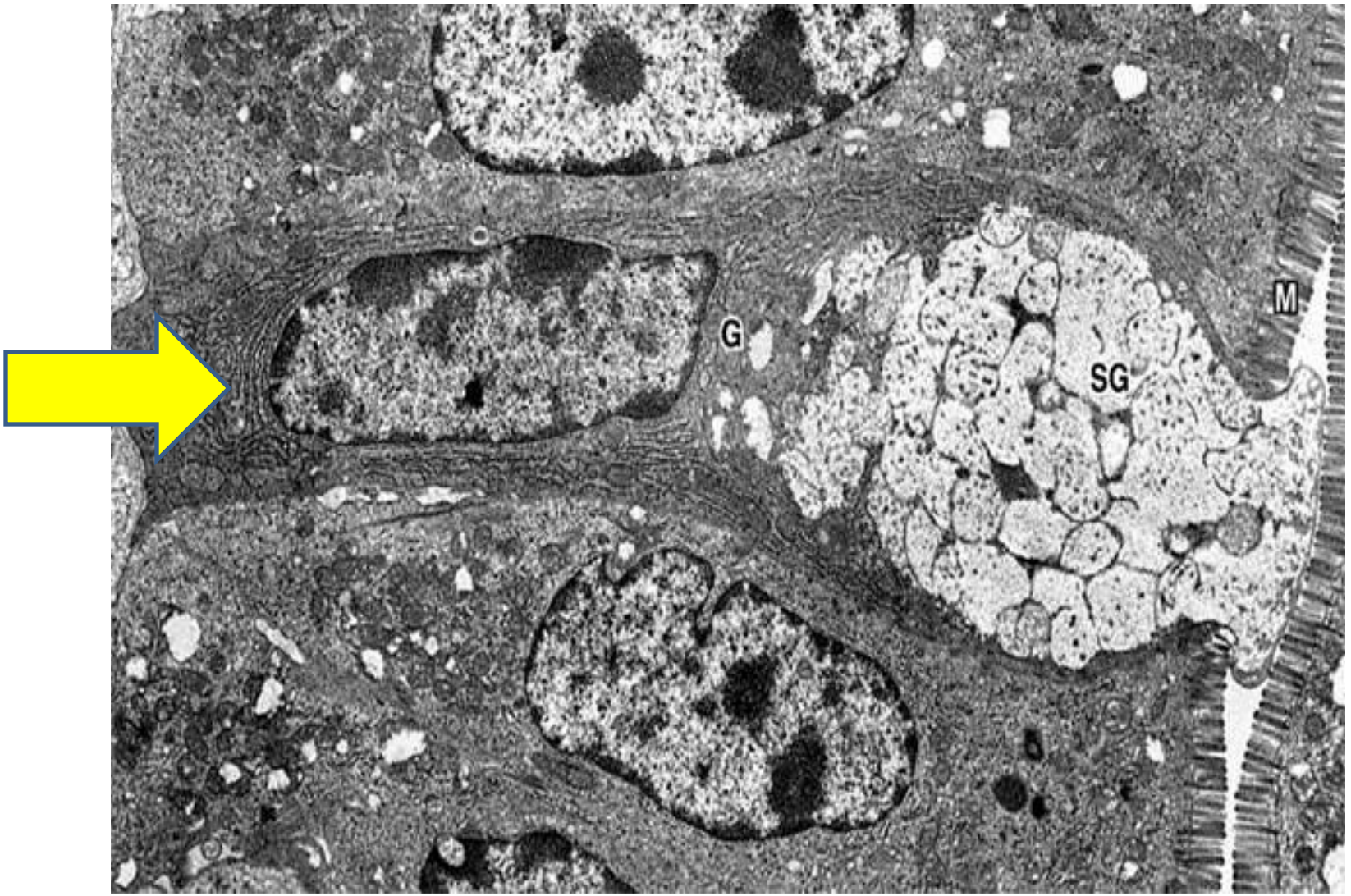


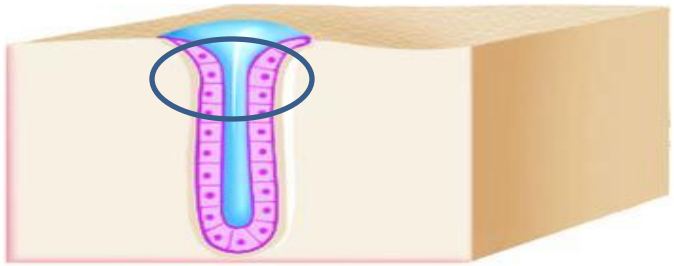
Transitional epithelium



Glands

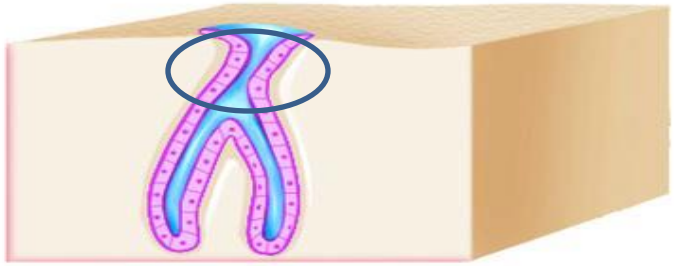
Goblet cell



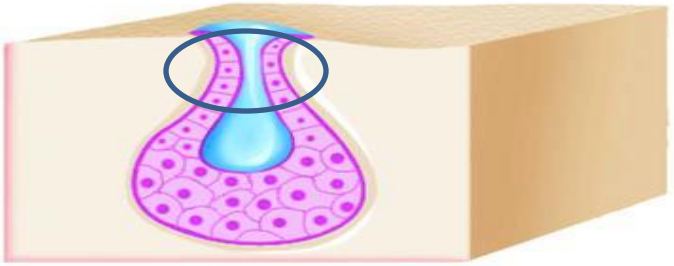


Simple tubular

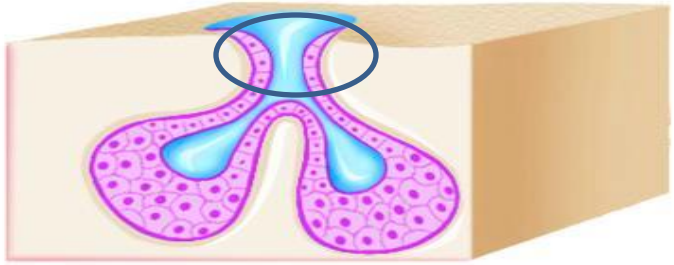
Simple coiled tubular



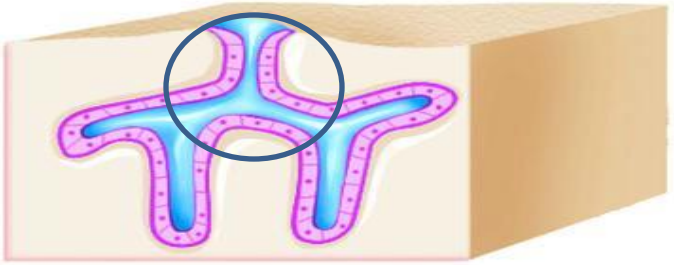
Simple branched tubular



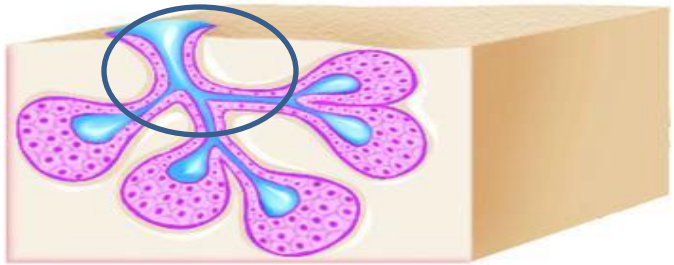
Simple alveolar



Simple branched alveolar

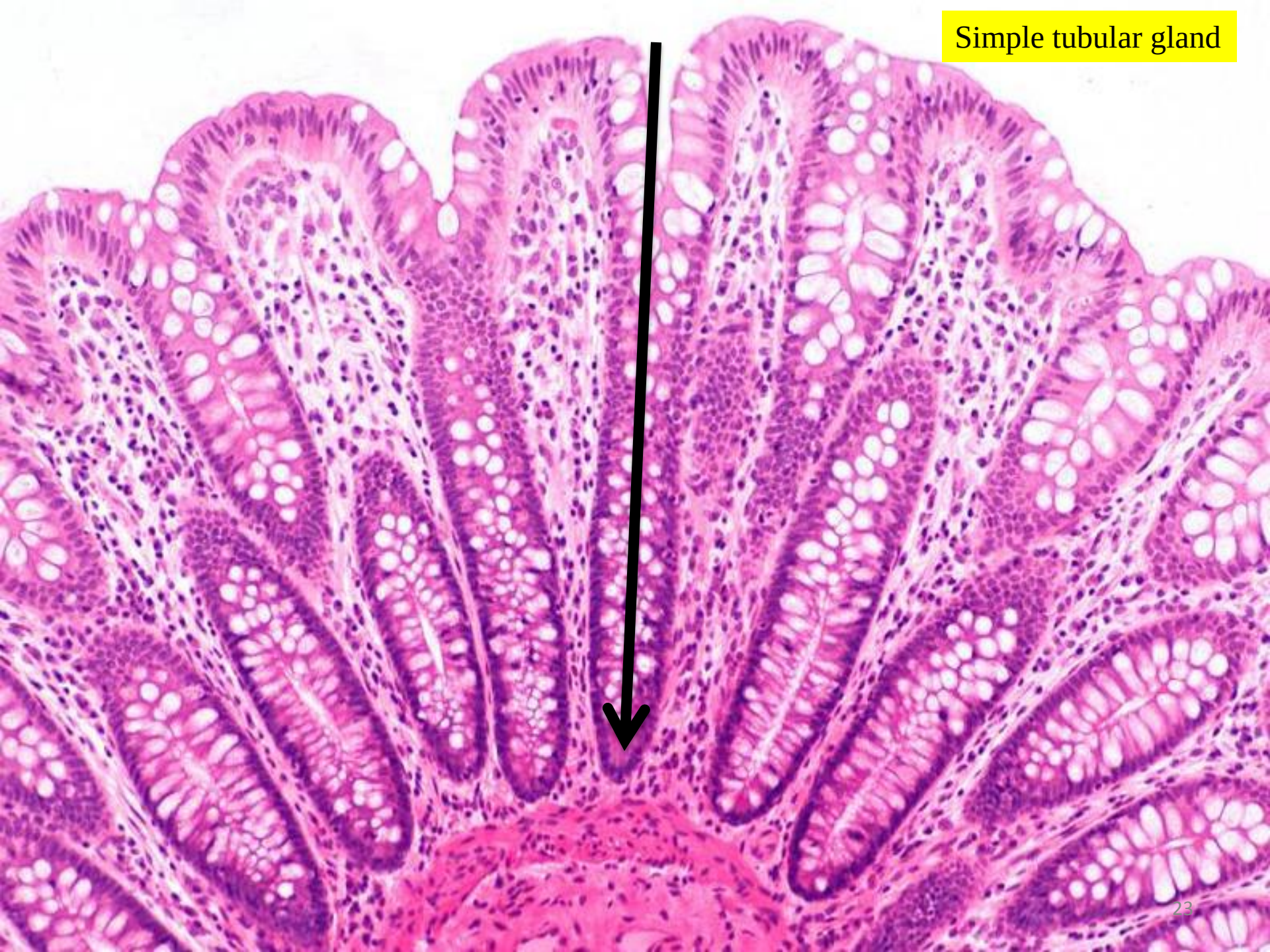


Compound tubular



Compound alveolar

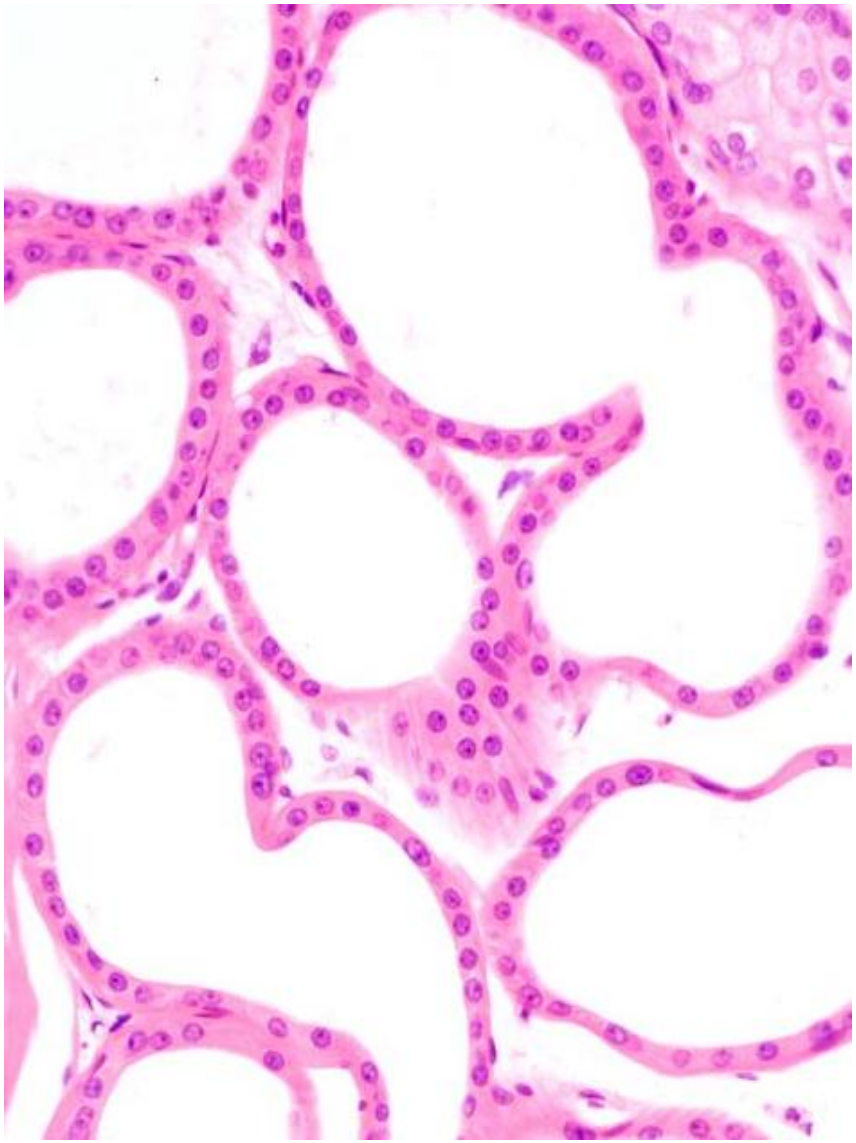
Compound tubuloalveolar


Simple tubular gland

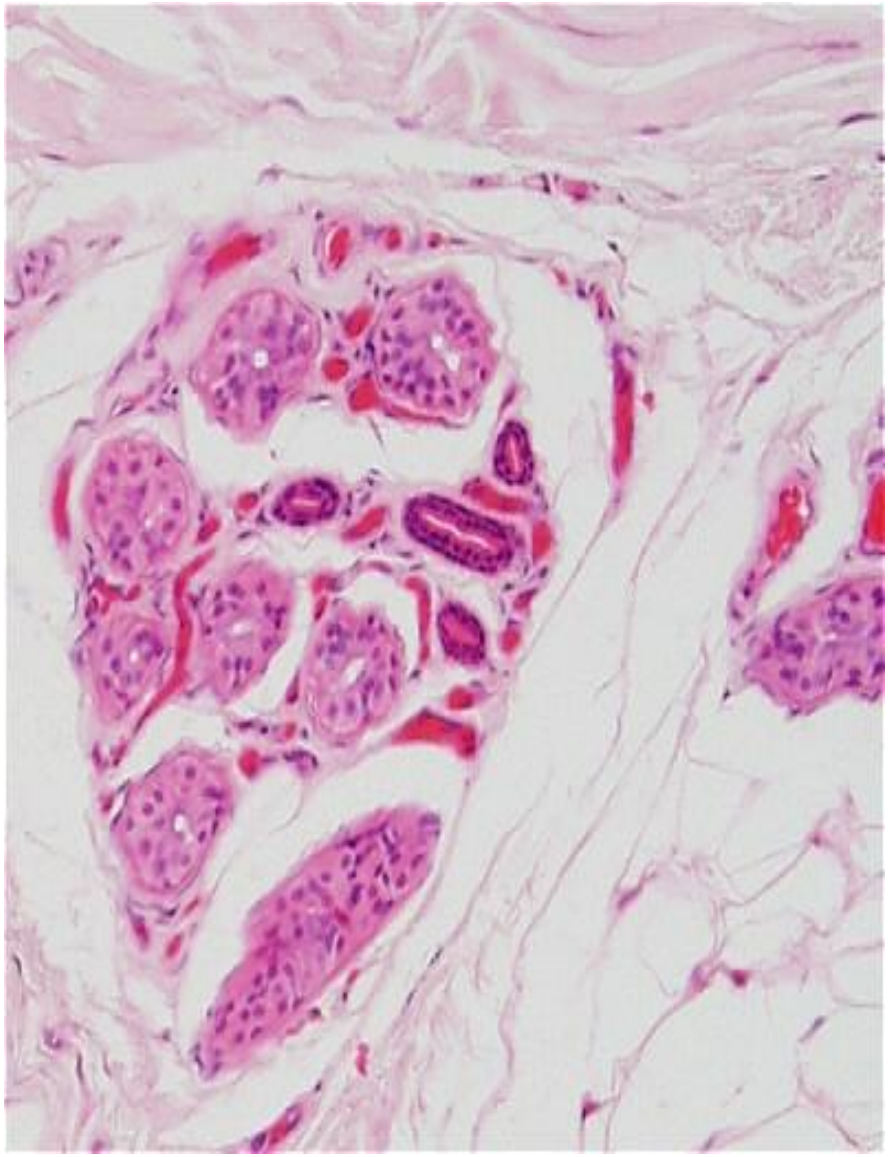
Simple branched tubular gland

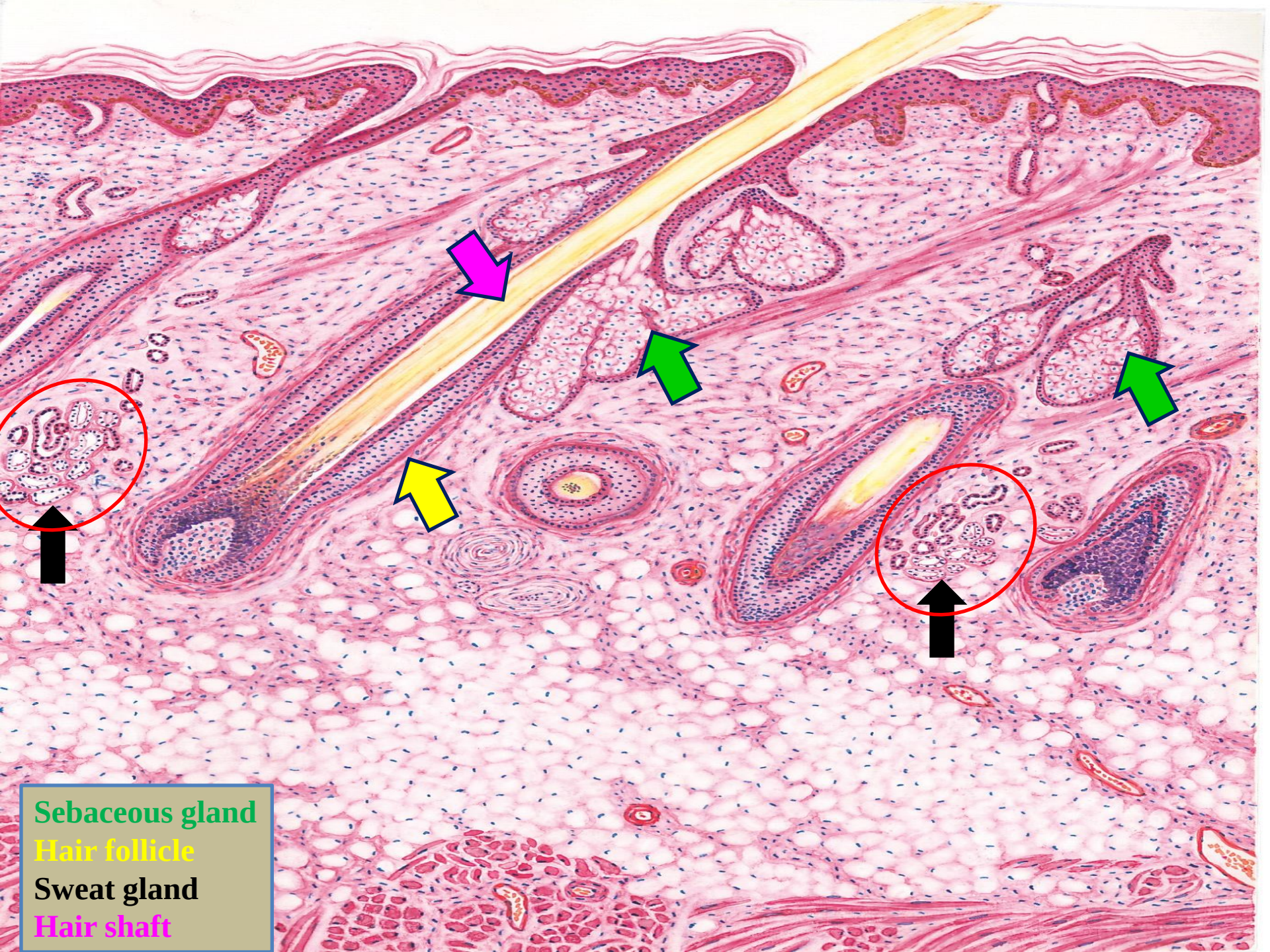
Sebaceous glands

Apocrine sweat glands

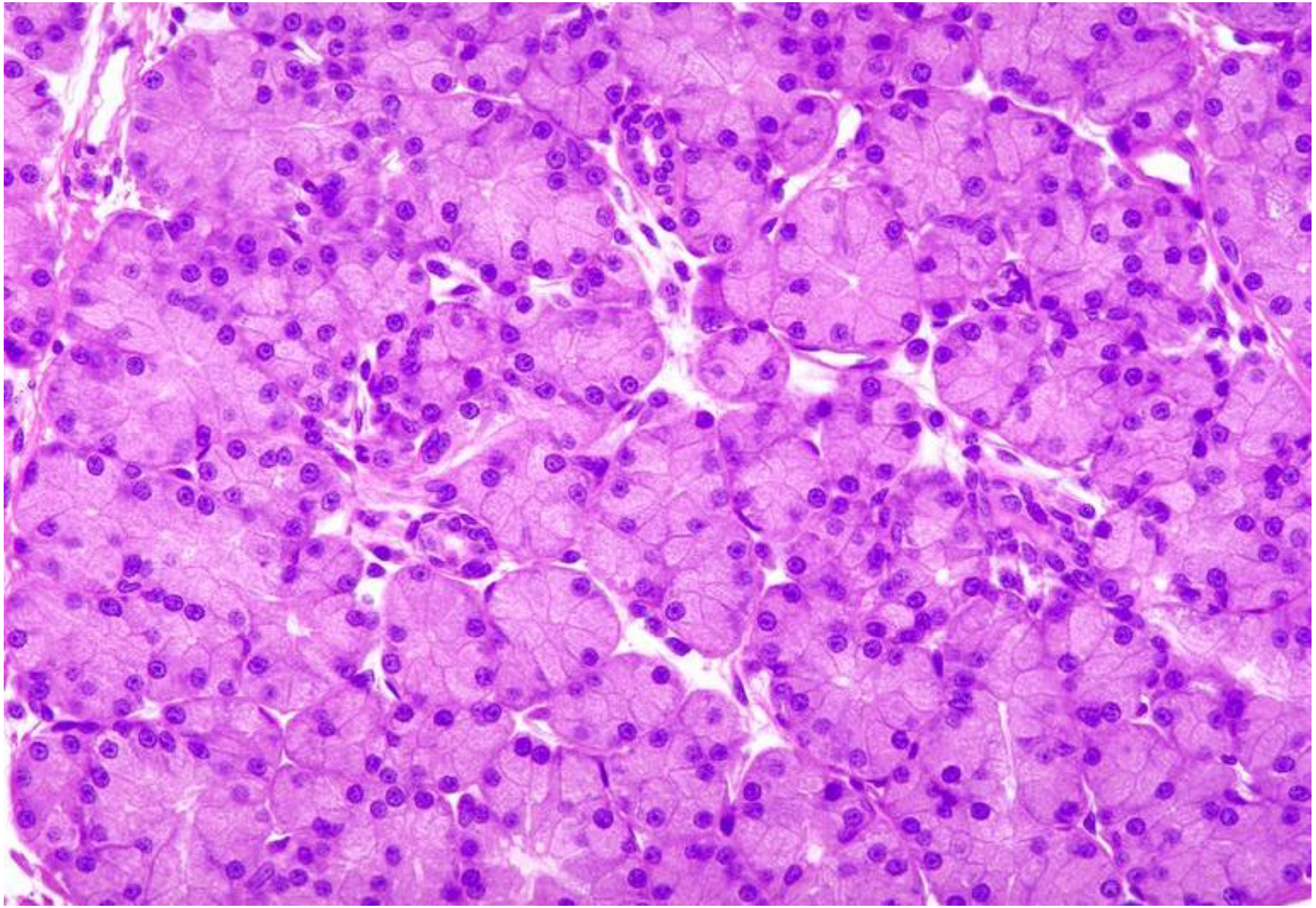


Eccrine (merocrine) sweat glands

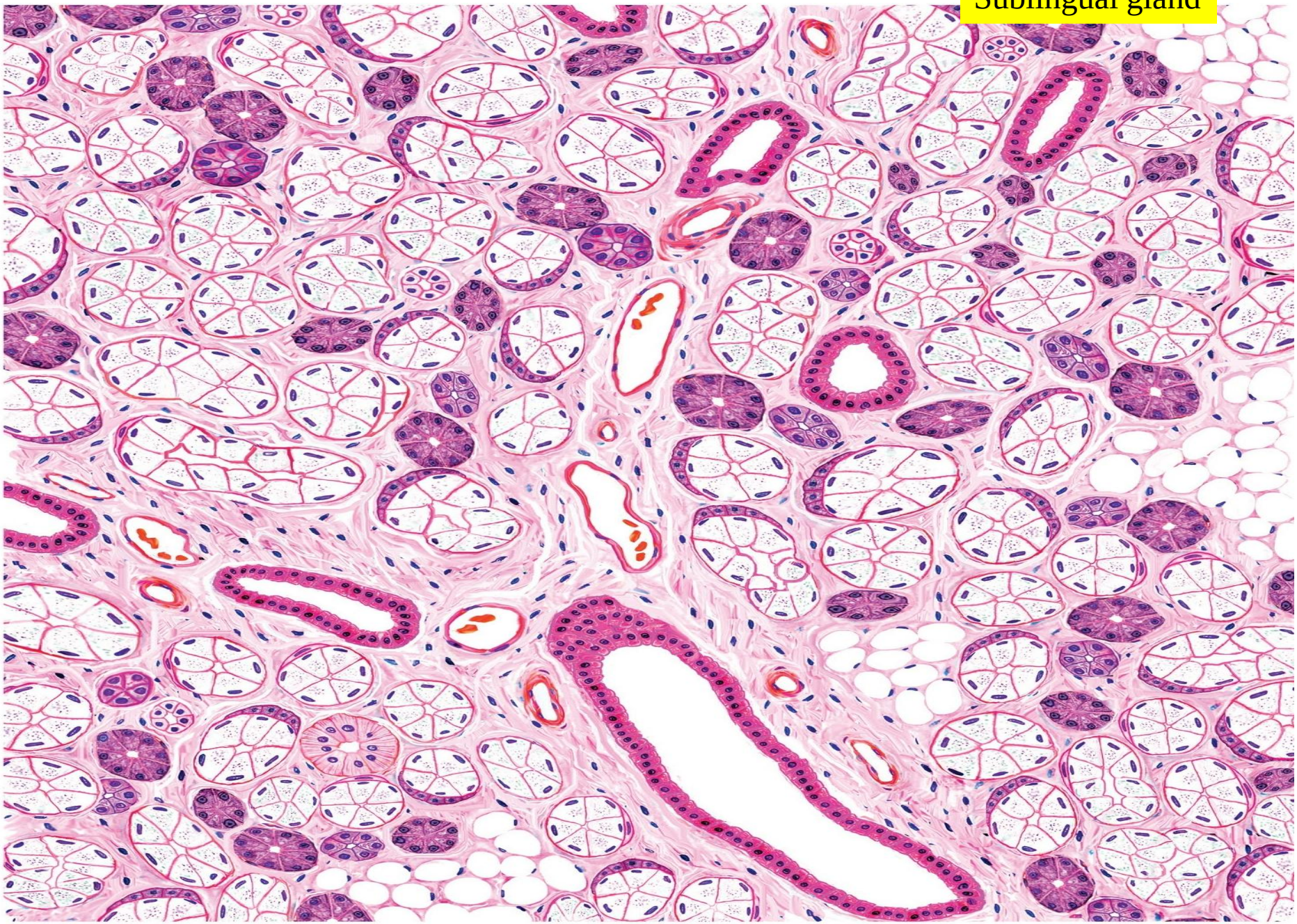



Sebaceous gland
Hair follicle
Sweat gland
Hair shaft

Parotid gland



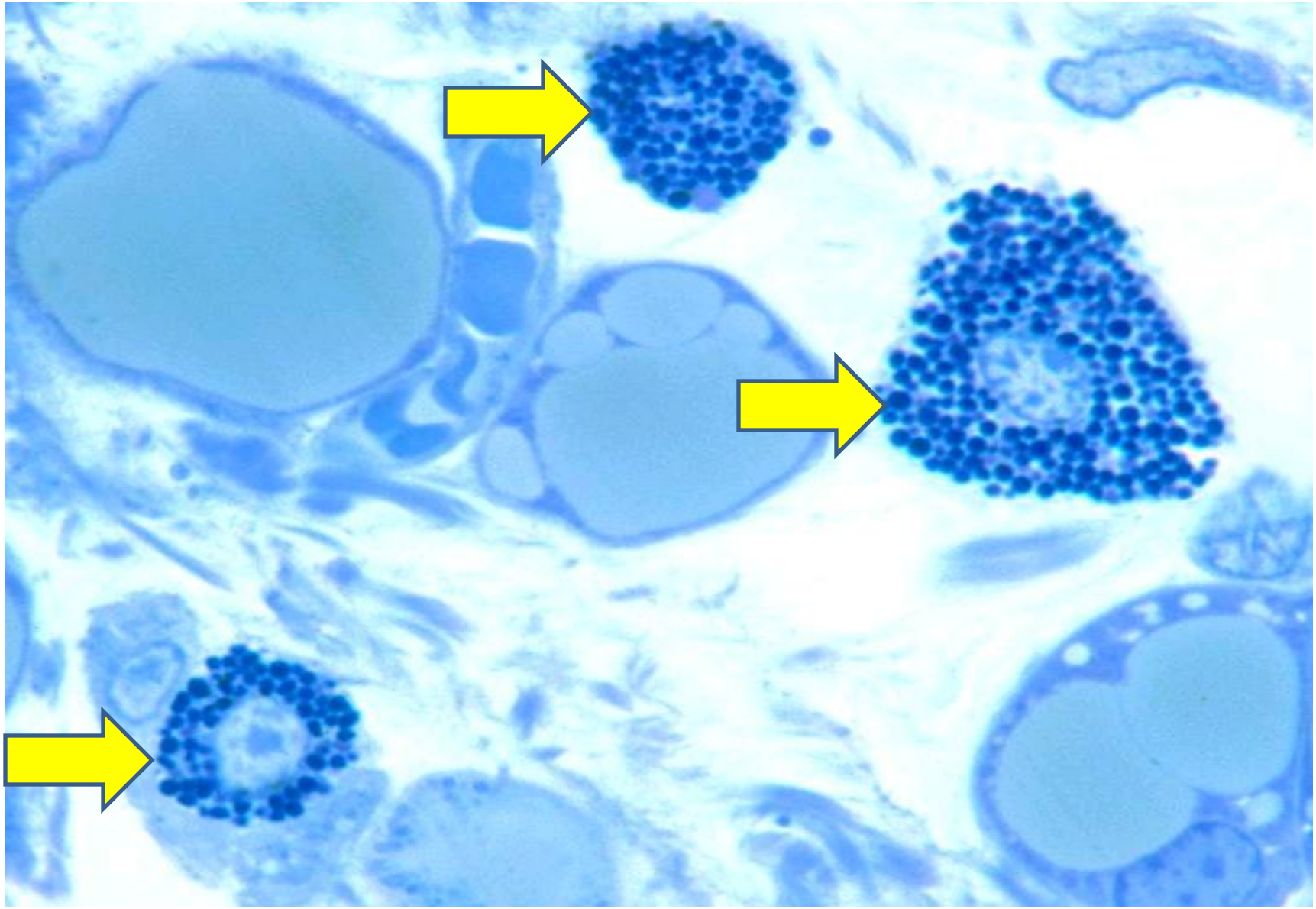
Sublingual gland



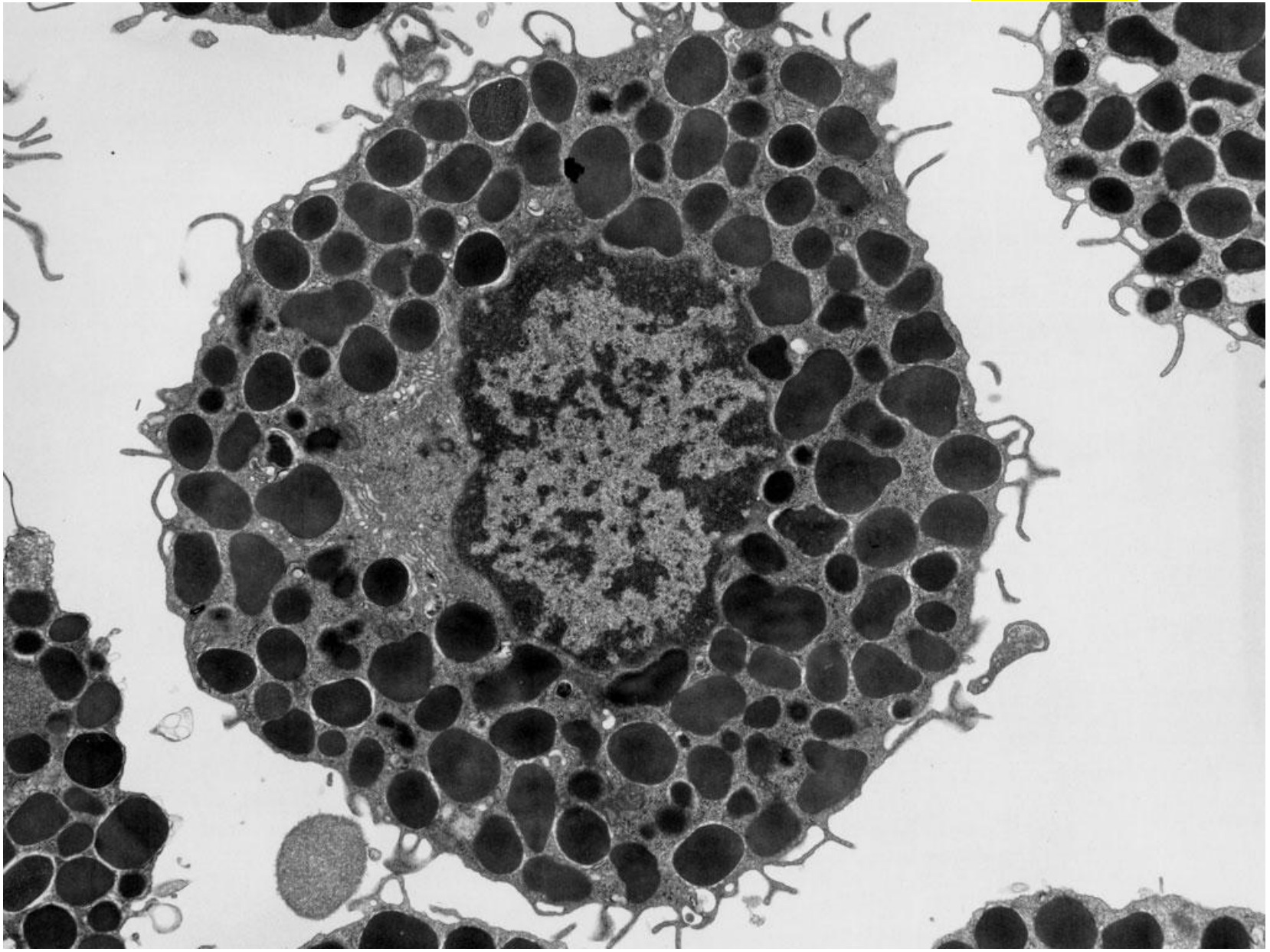
Submandibular gland

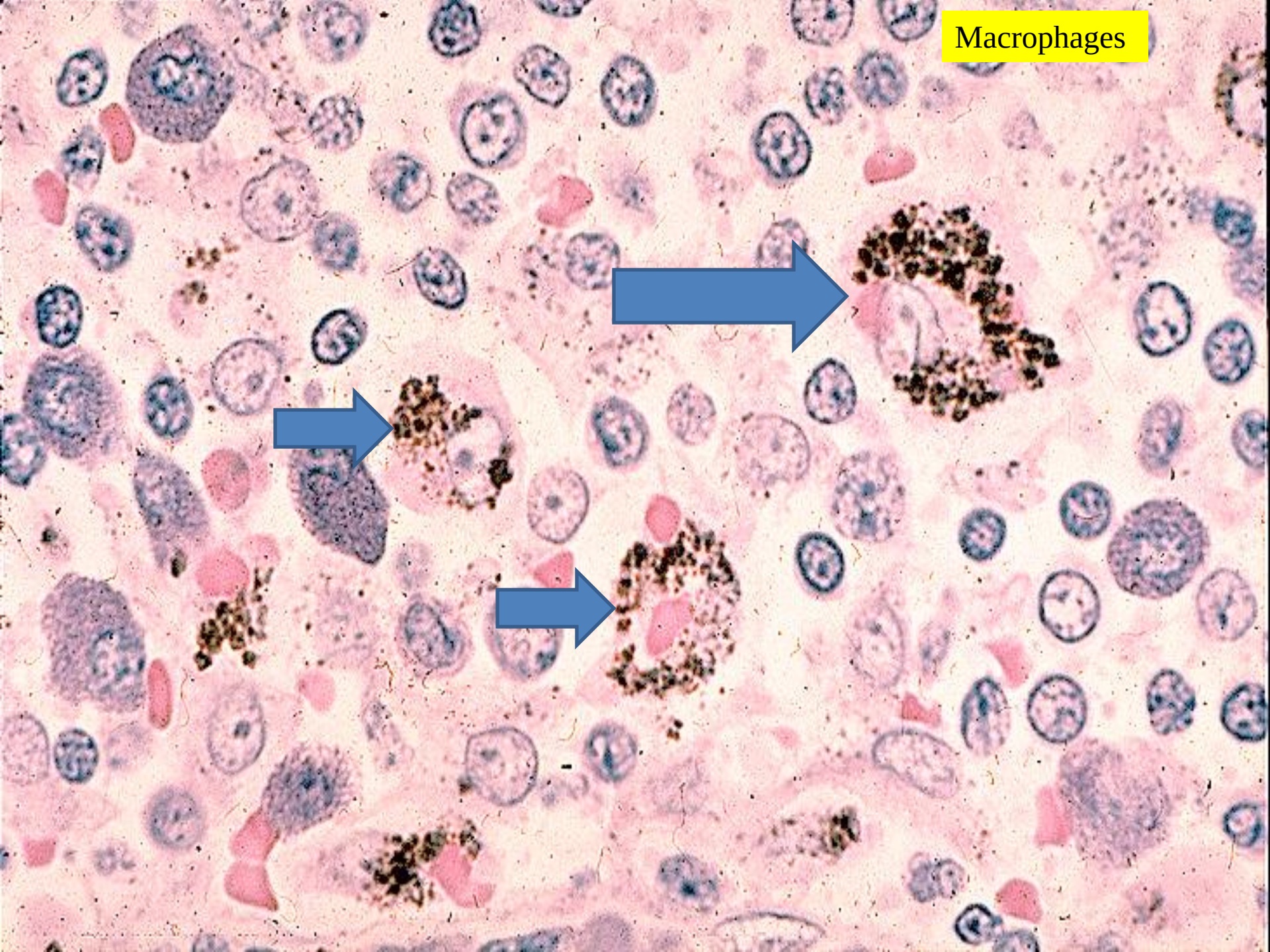
Connective tissue

Mast cells

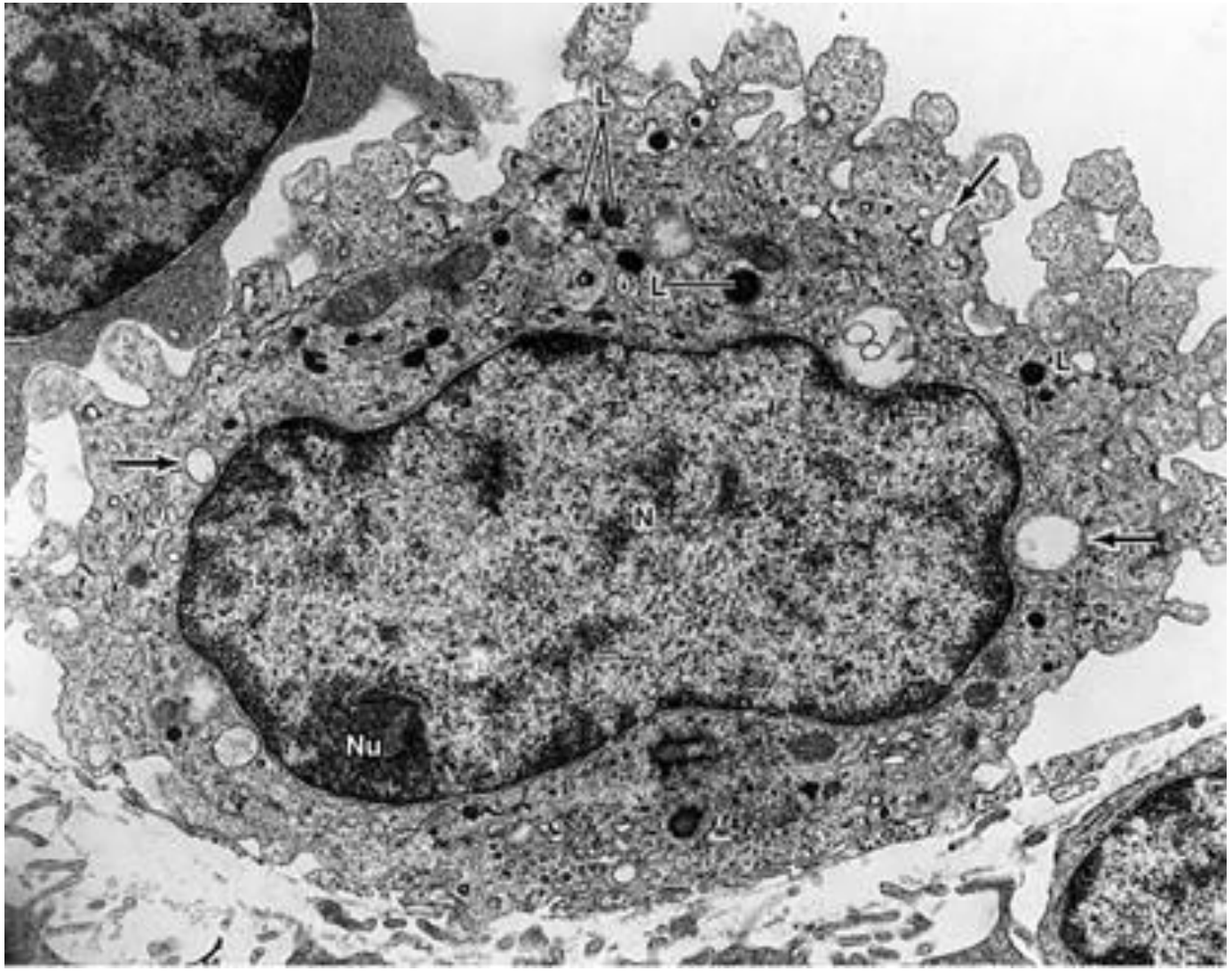


Mast cell

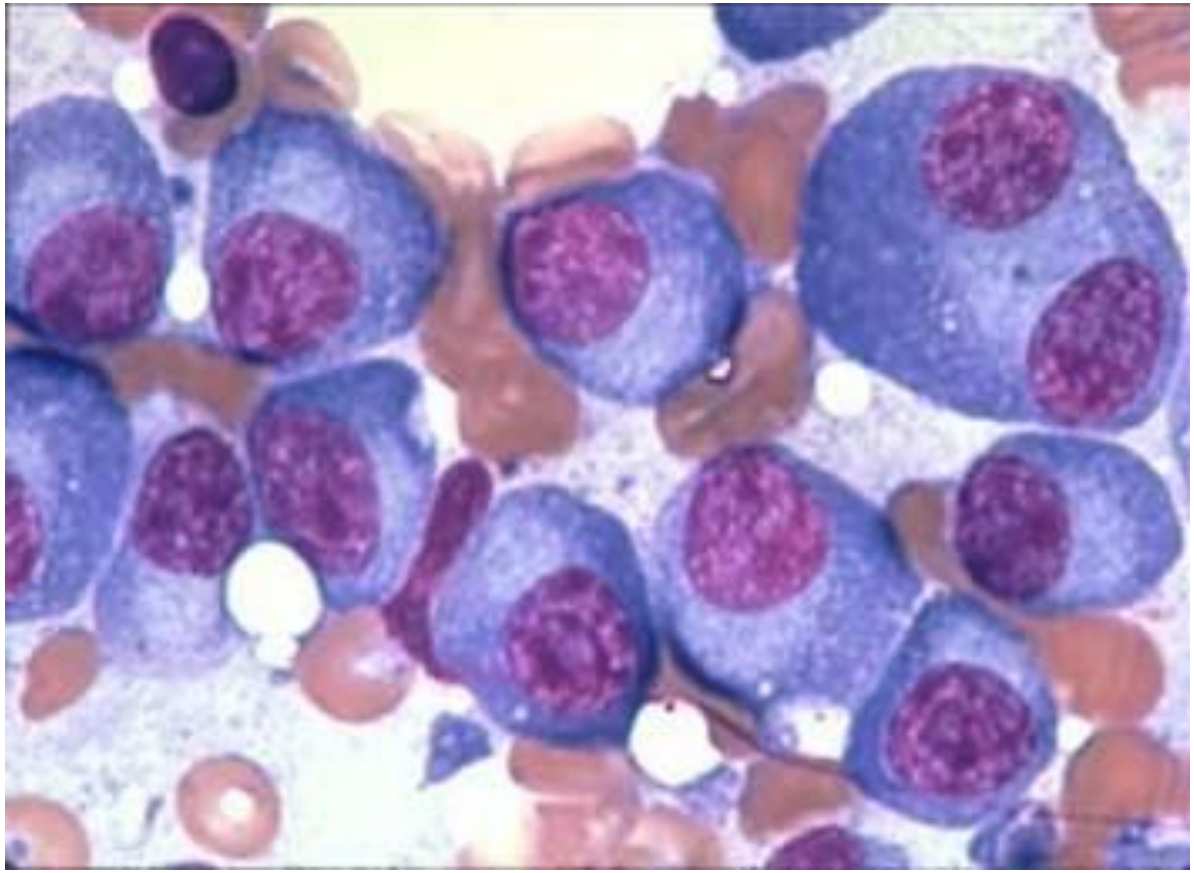



Macrophages

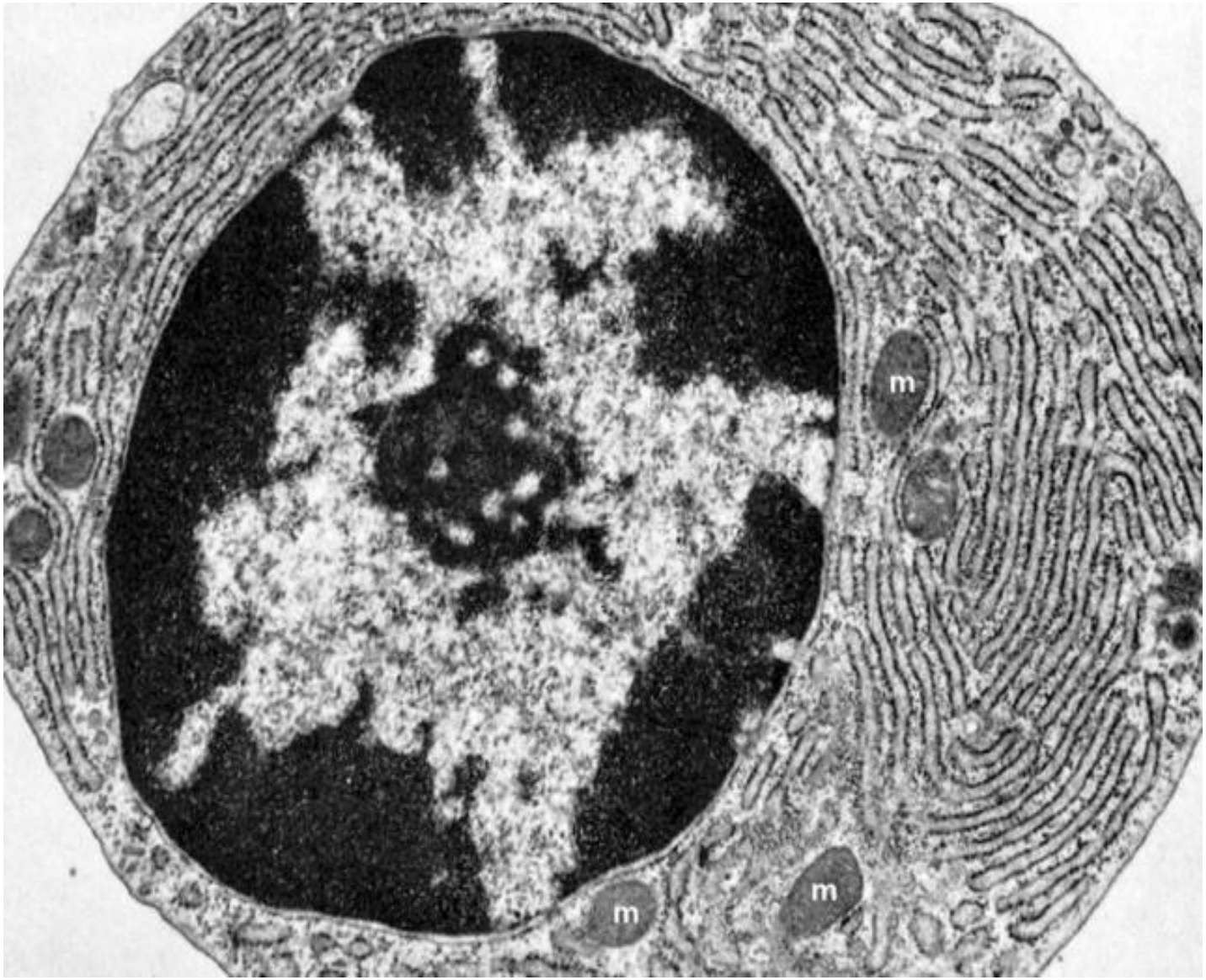
Macrophage

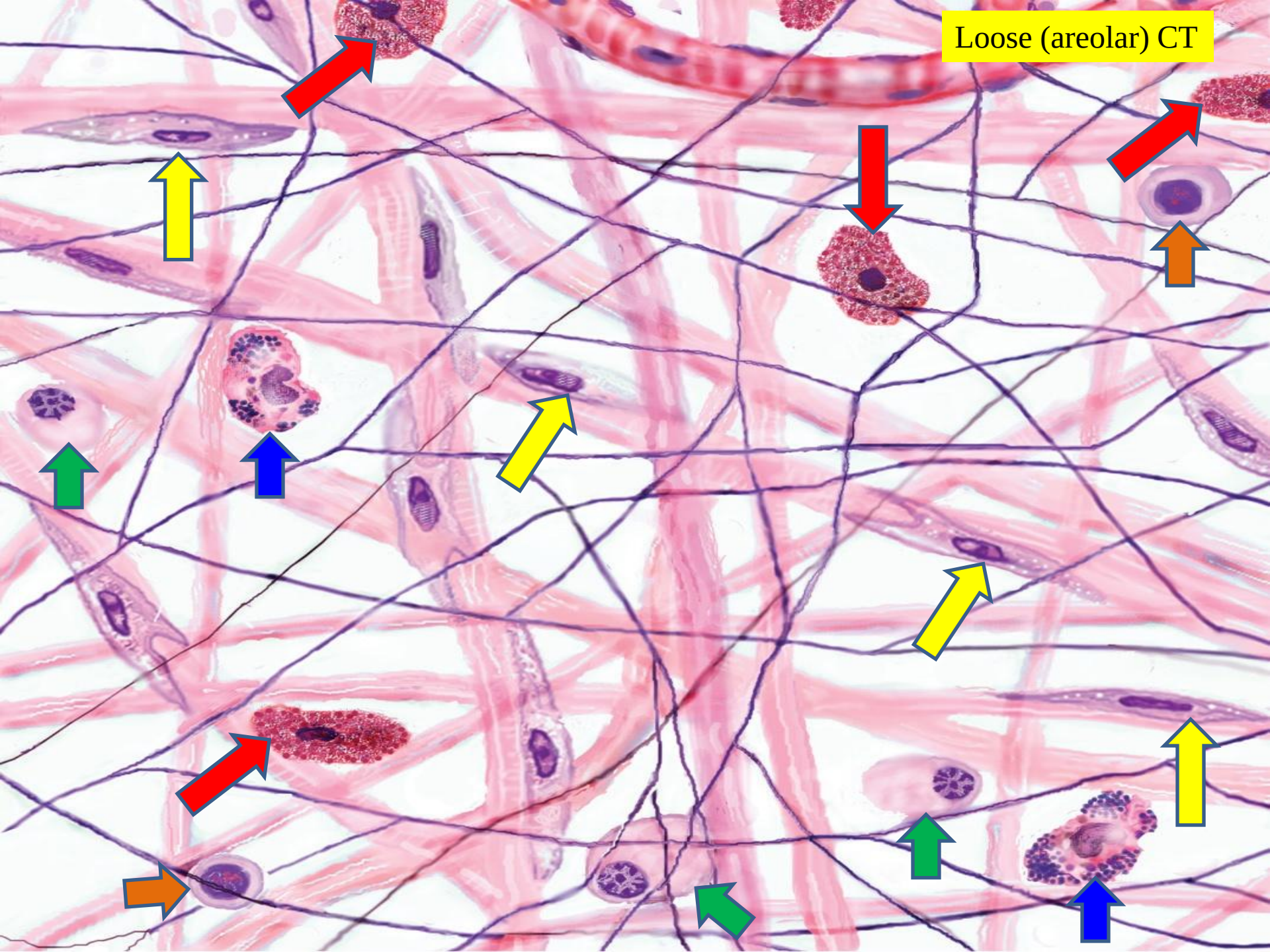


Plasma cells



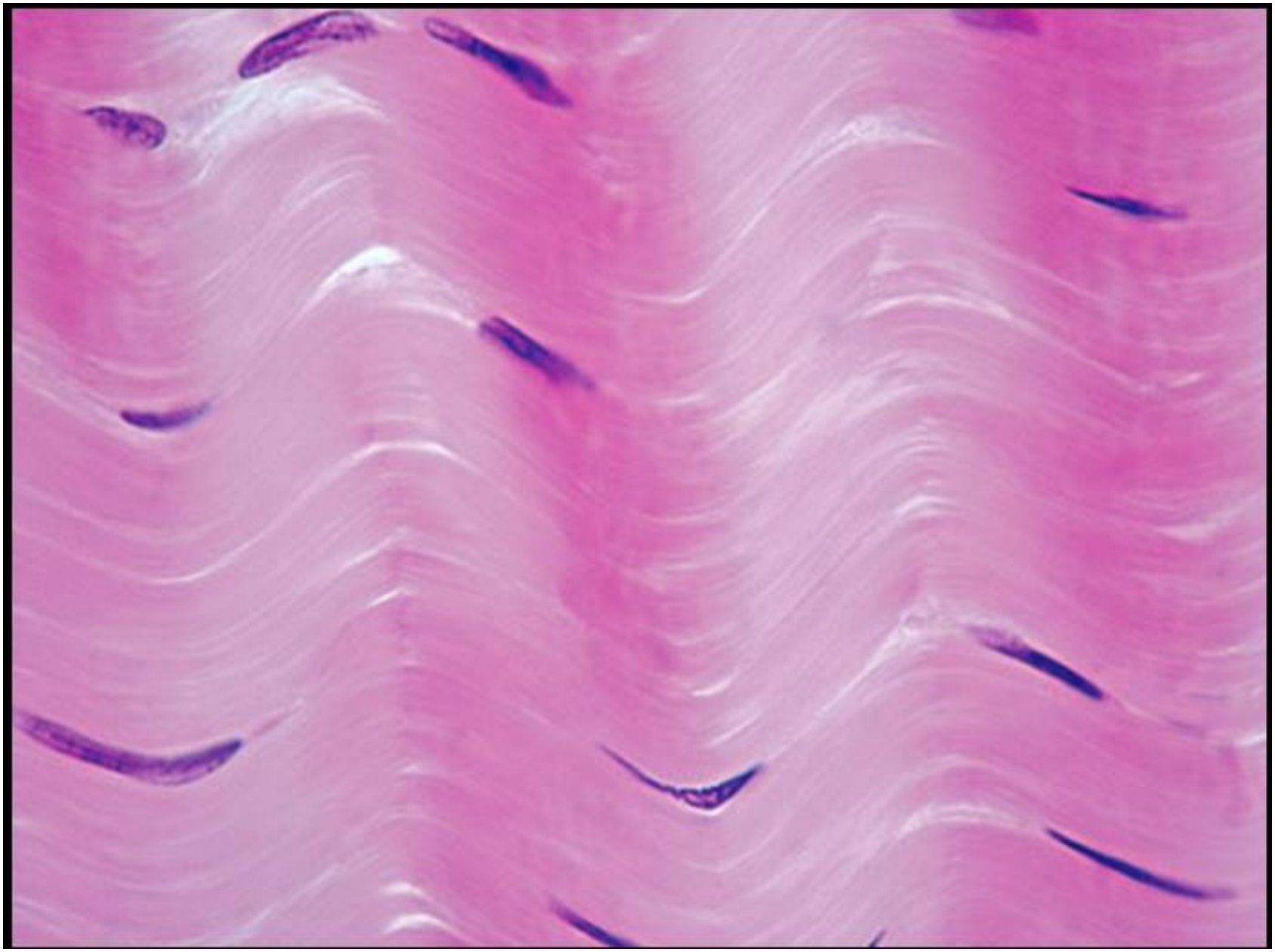
Plasma cell

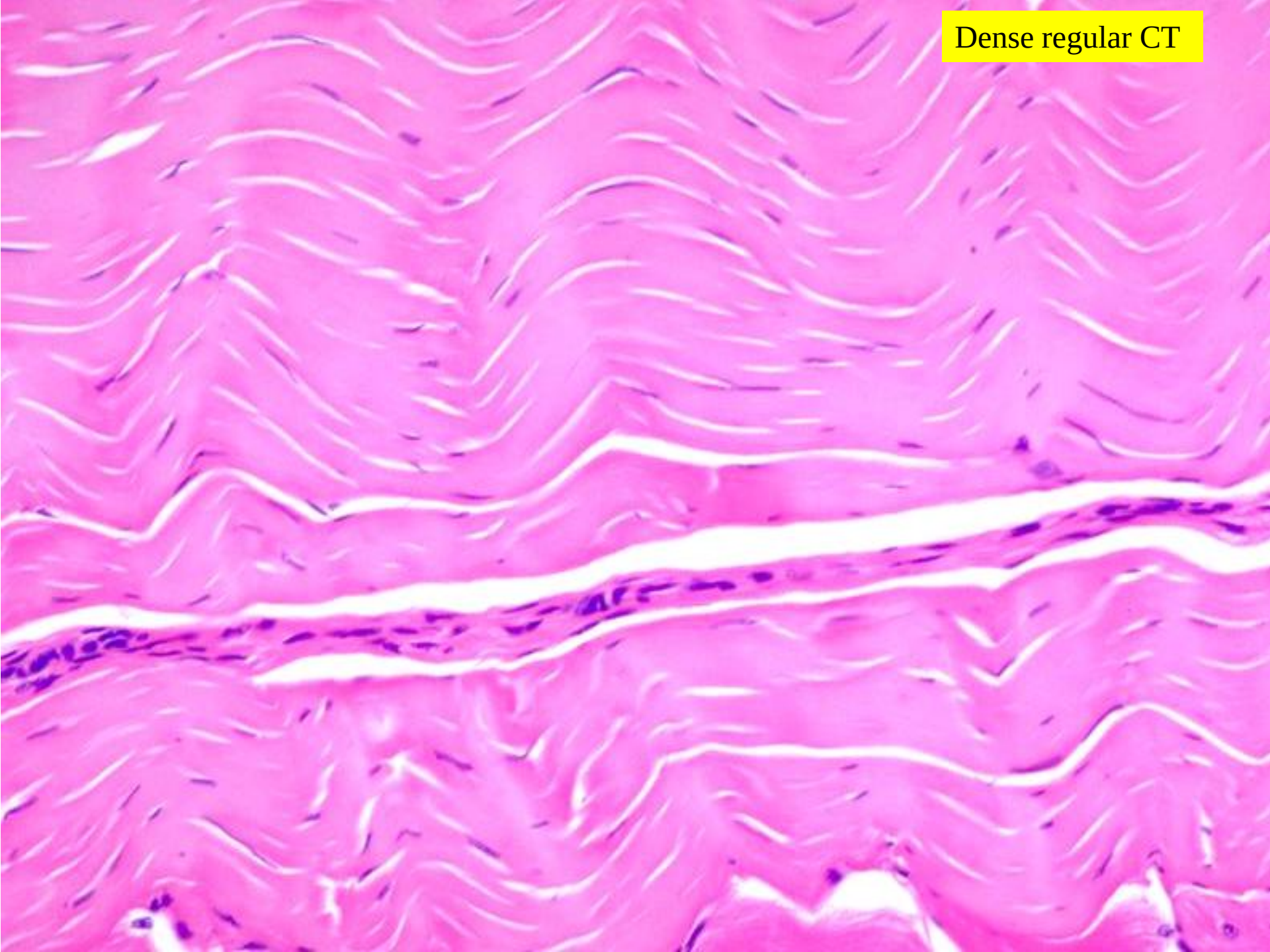


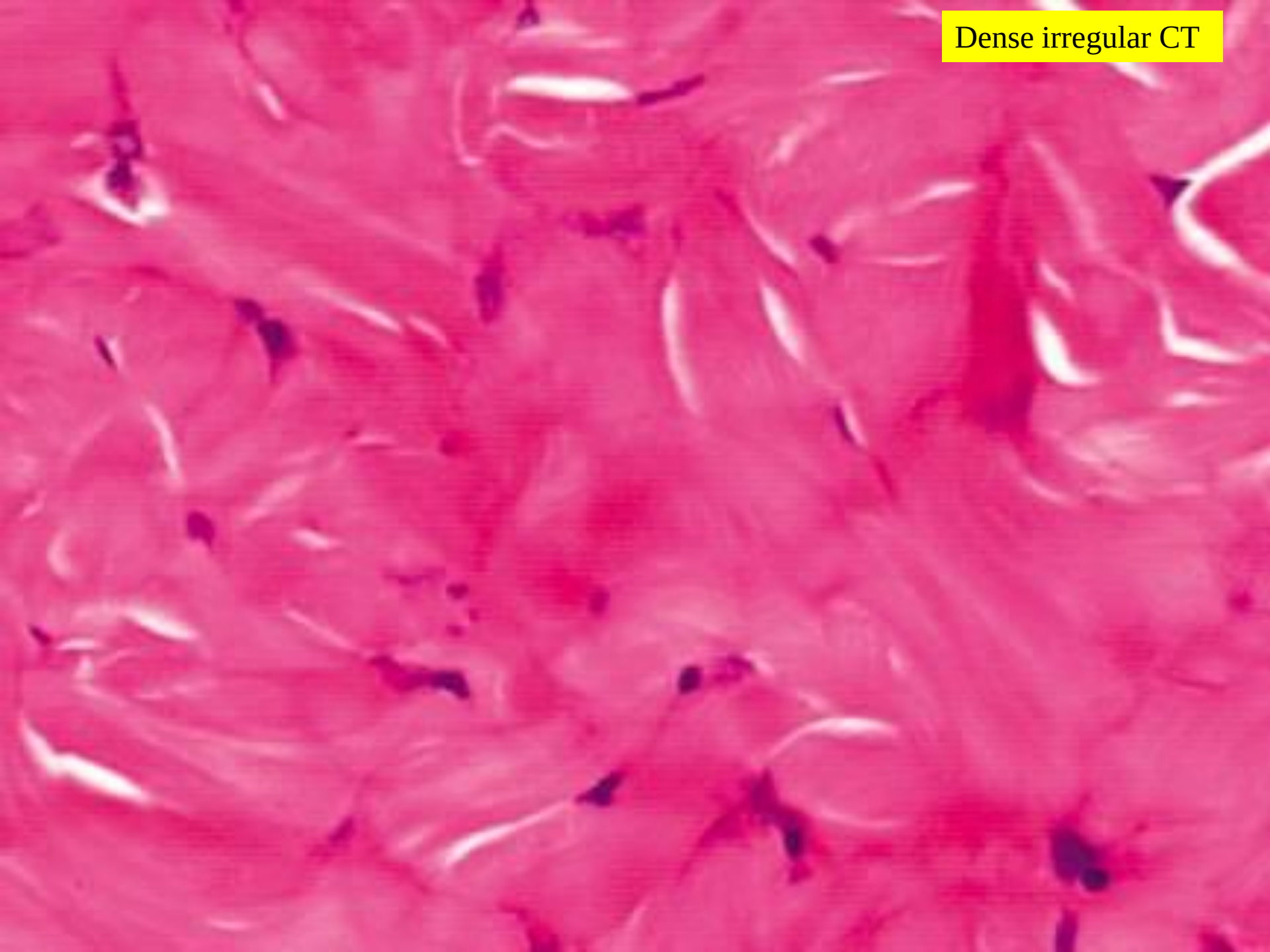

Loose (areolar) CT

Loose CT

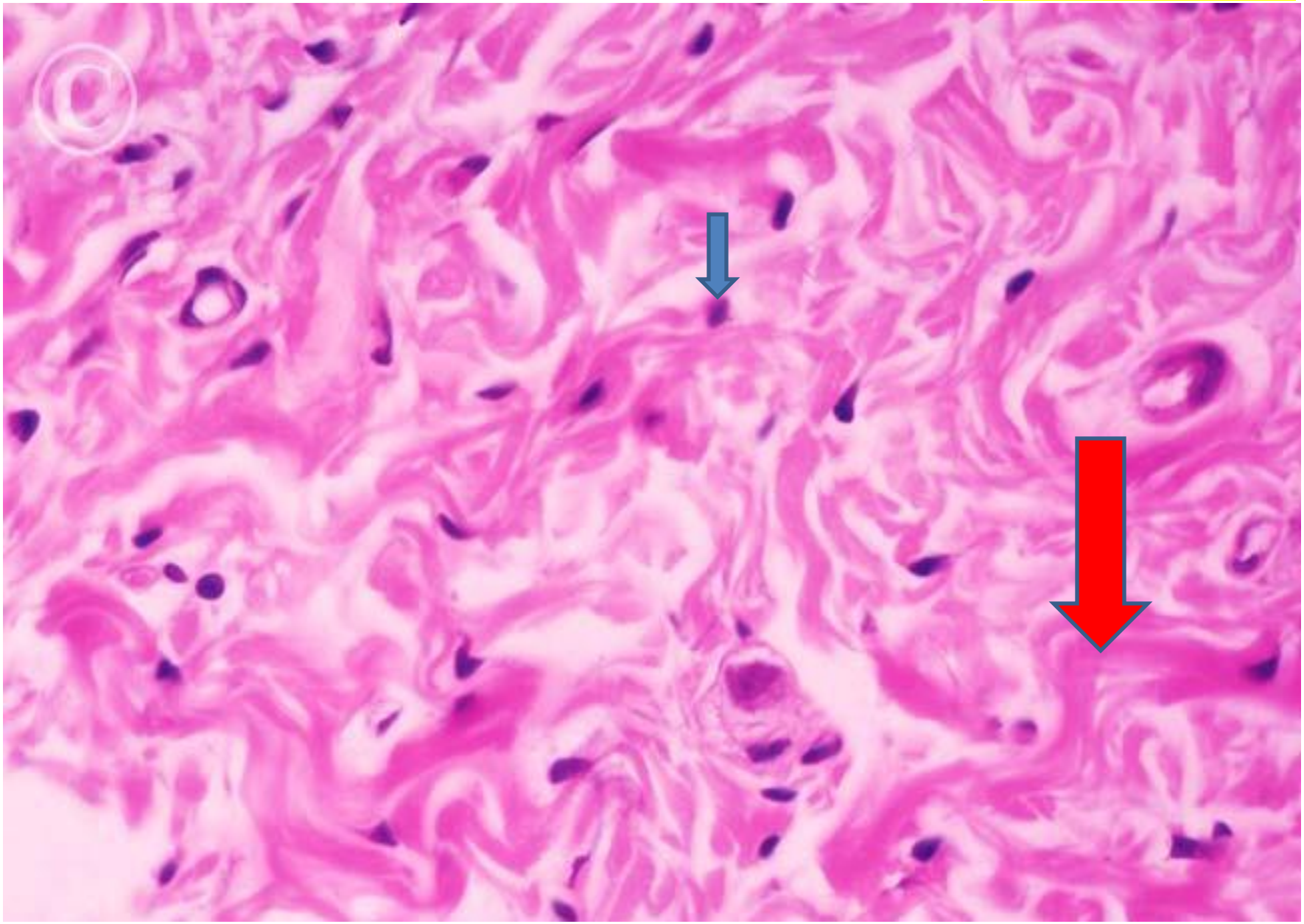
Dense regular CT

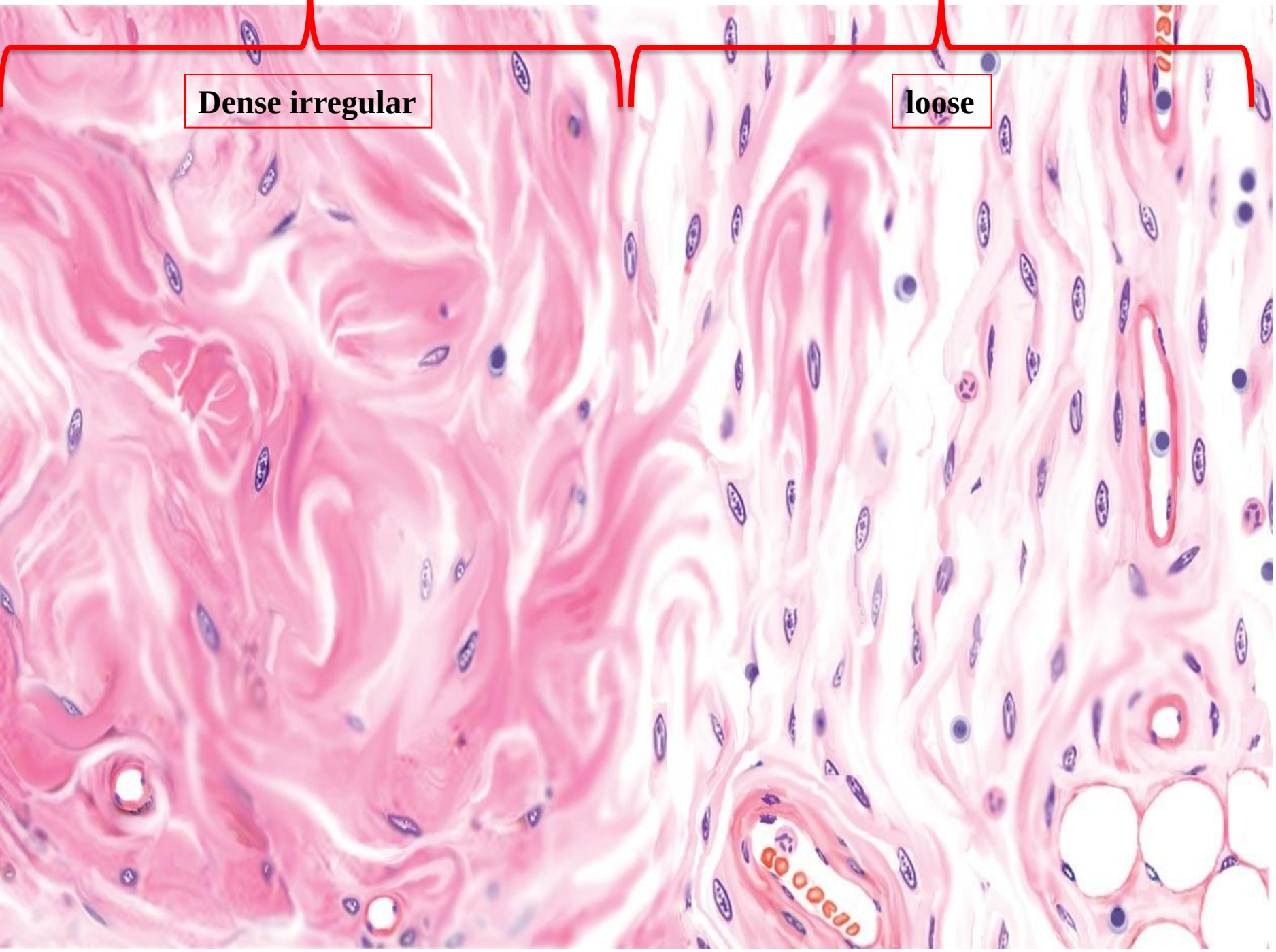


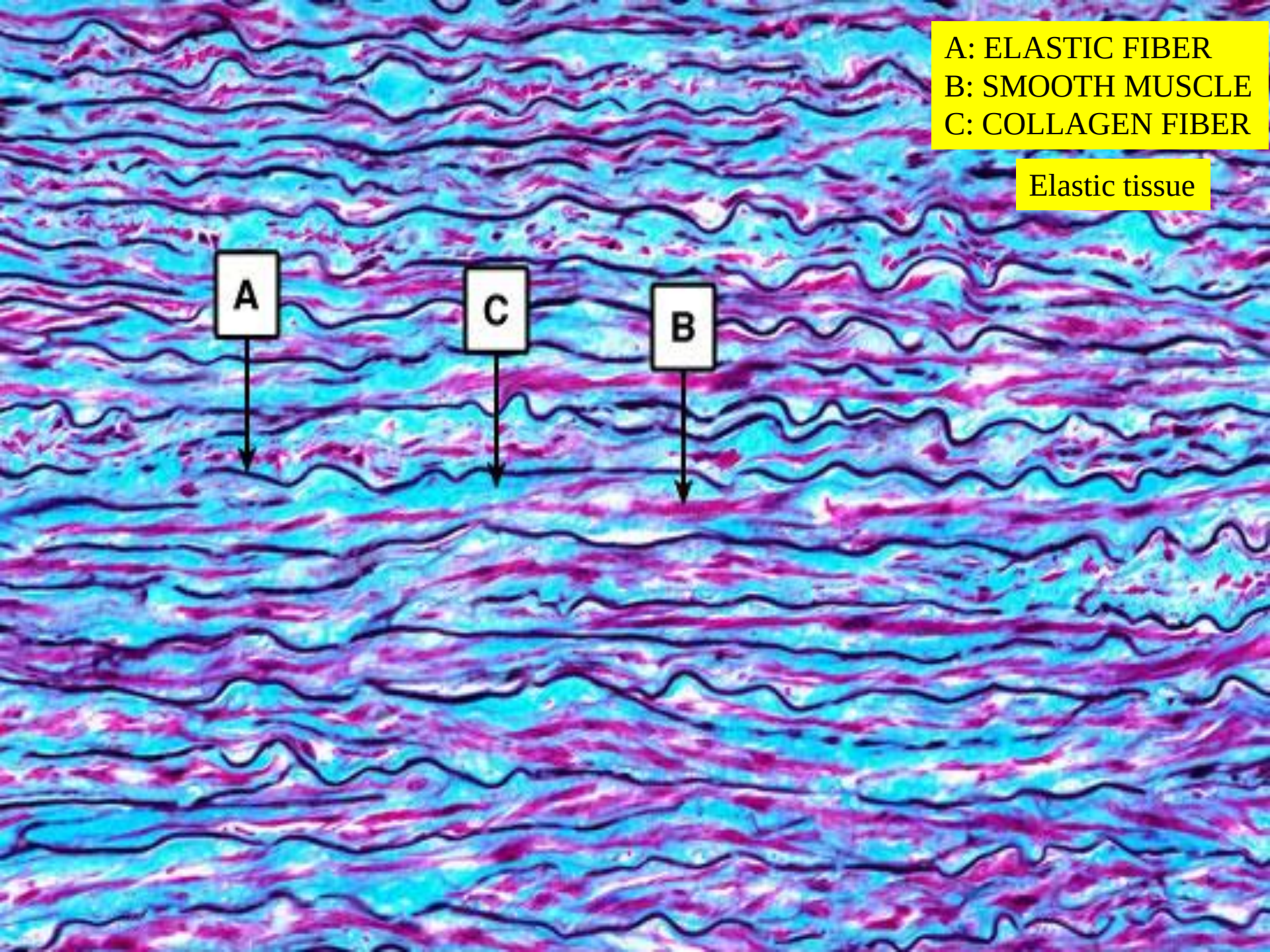

Dense regular CT


Dense irregular CT

Dense irregular CT




Dense irregular
loose

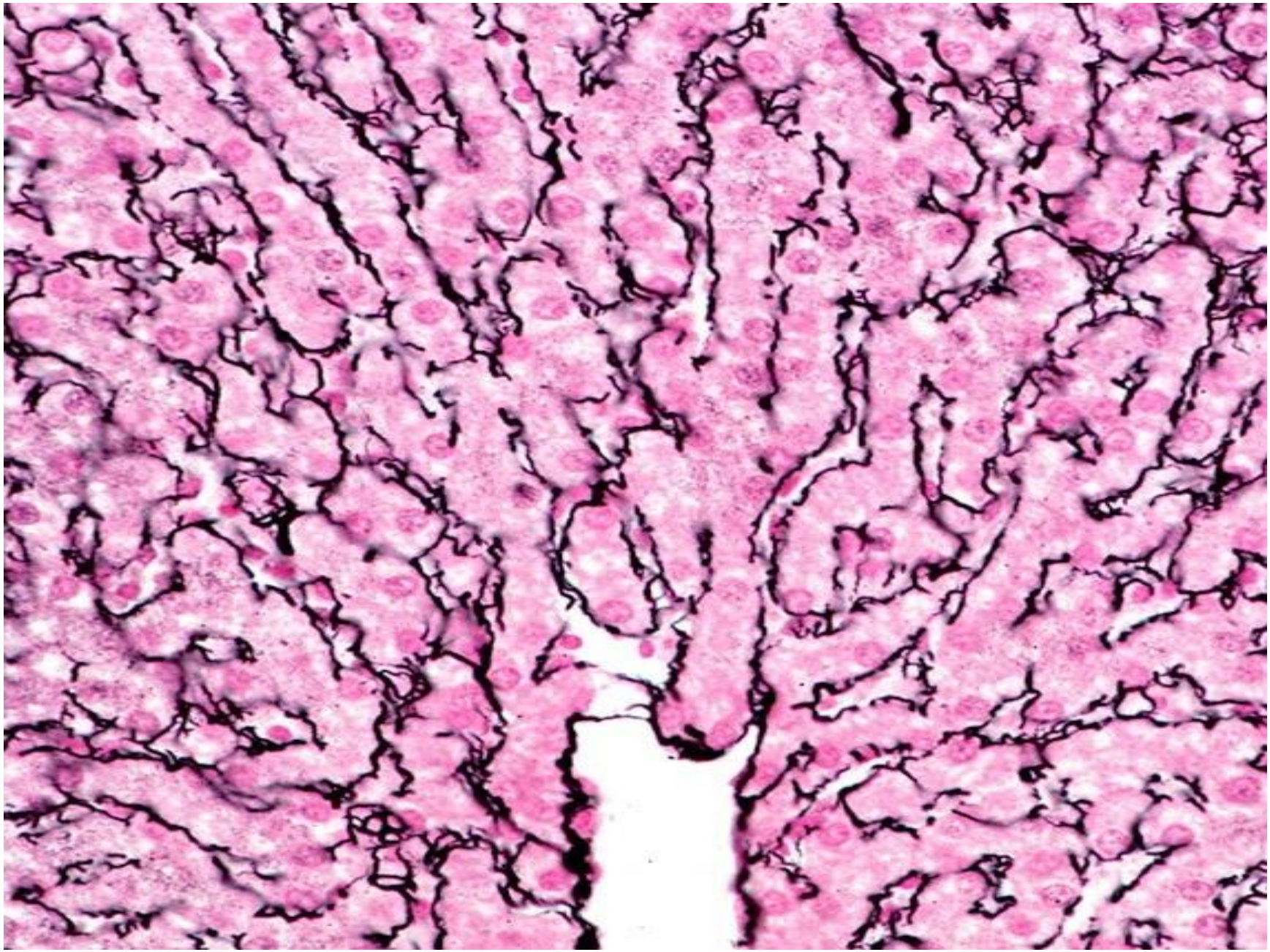


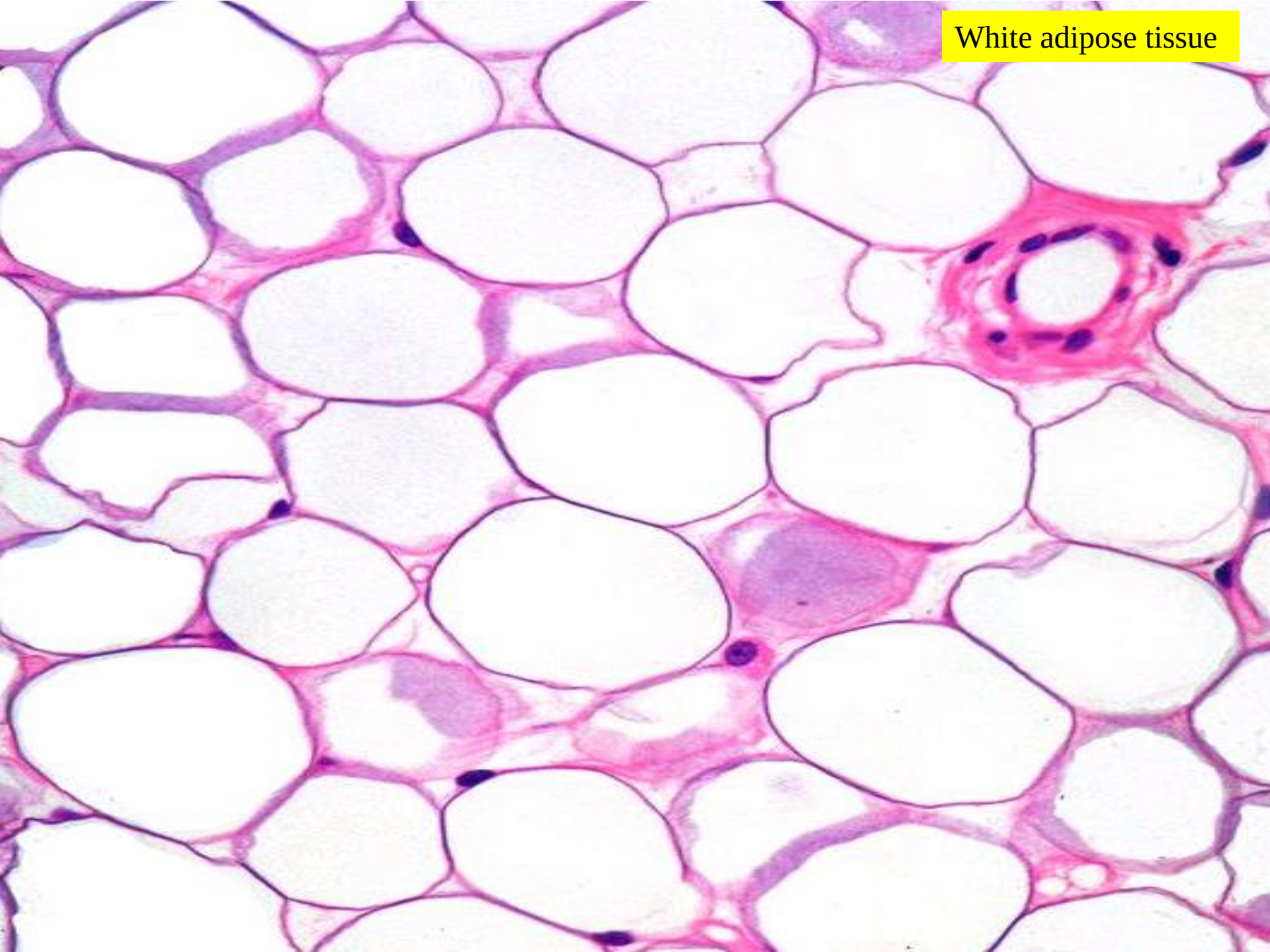
A: ELASTIC FIBER
B: SMOOTH MUSCLE
C: COLLAGEN FIBER

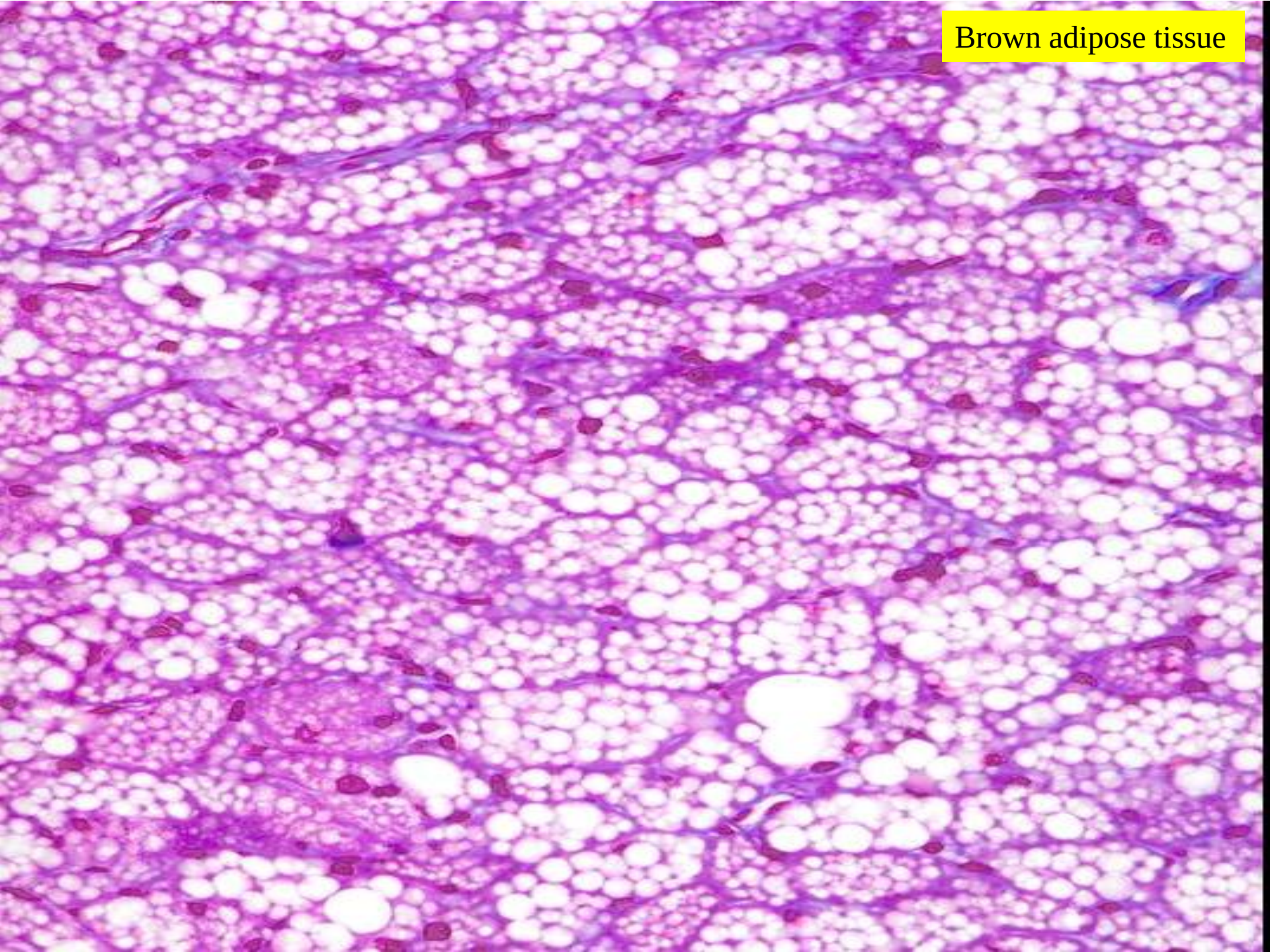
Elastic tissue

Elastic tissue

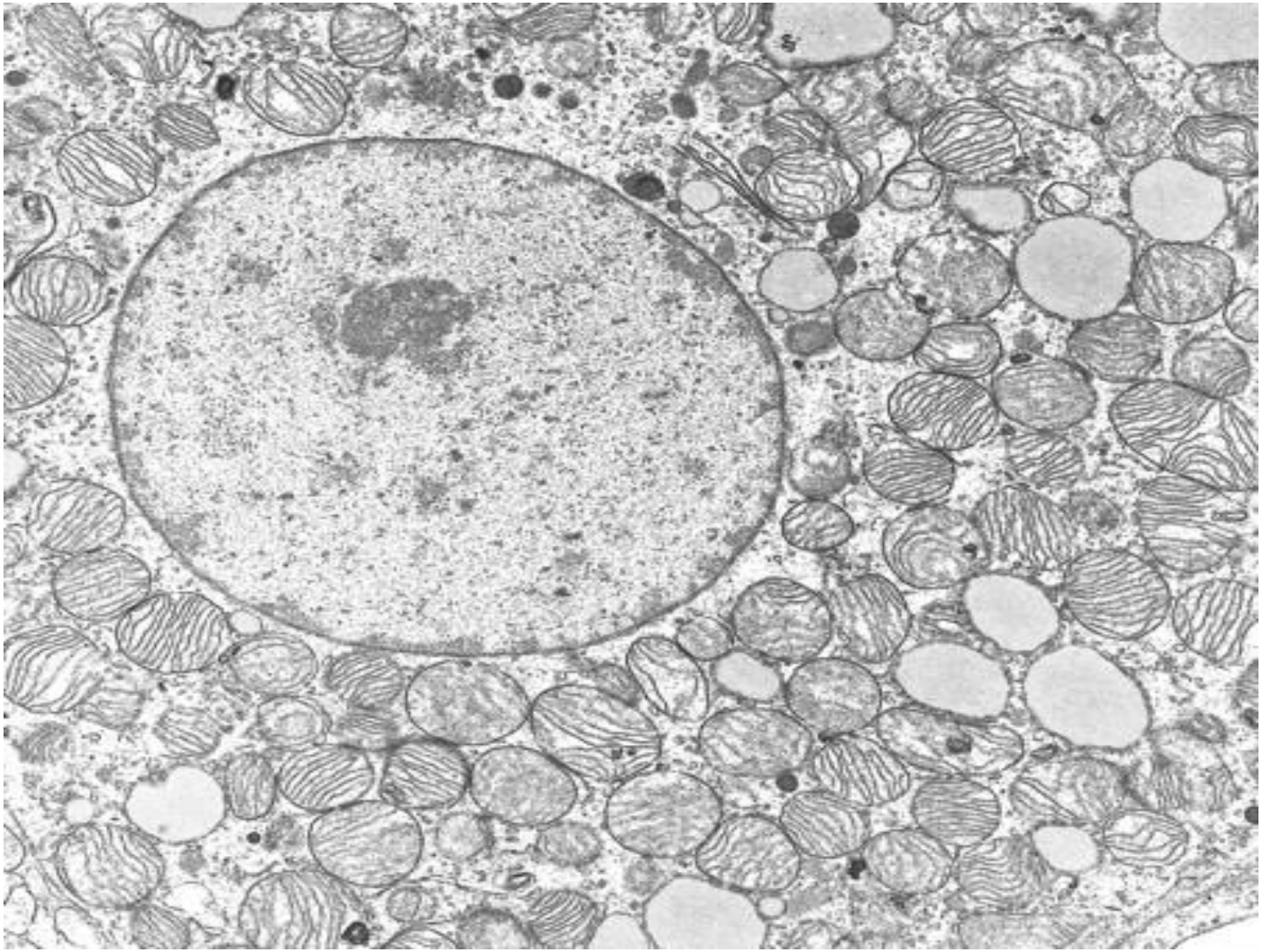
Reticular tissue




White adipose tissue


Brown adipose tissue

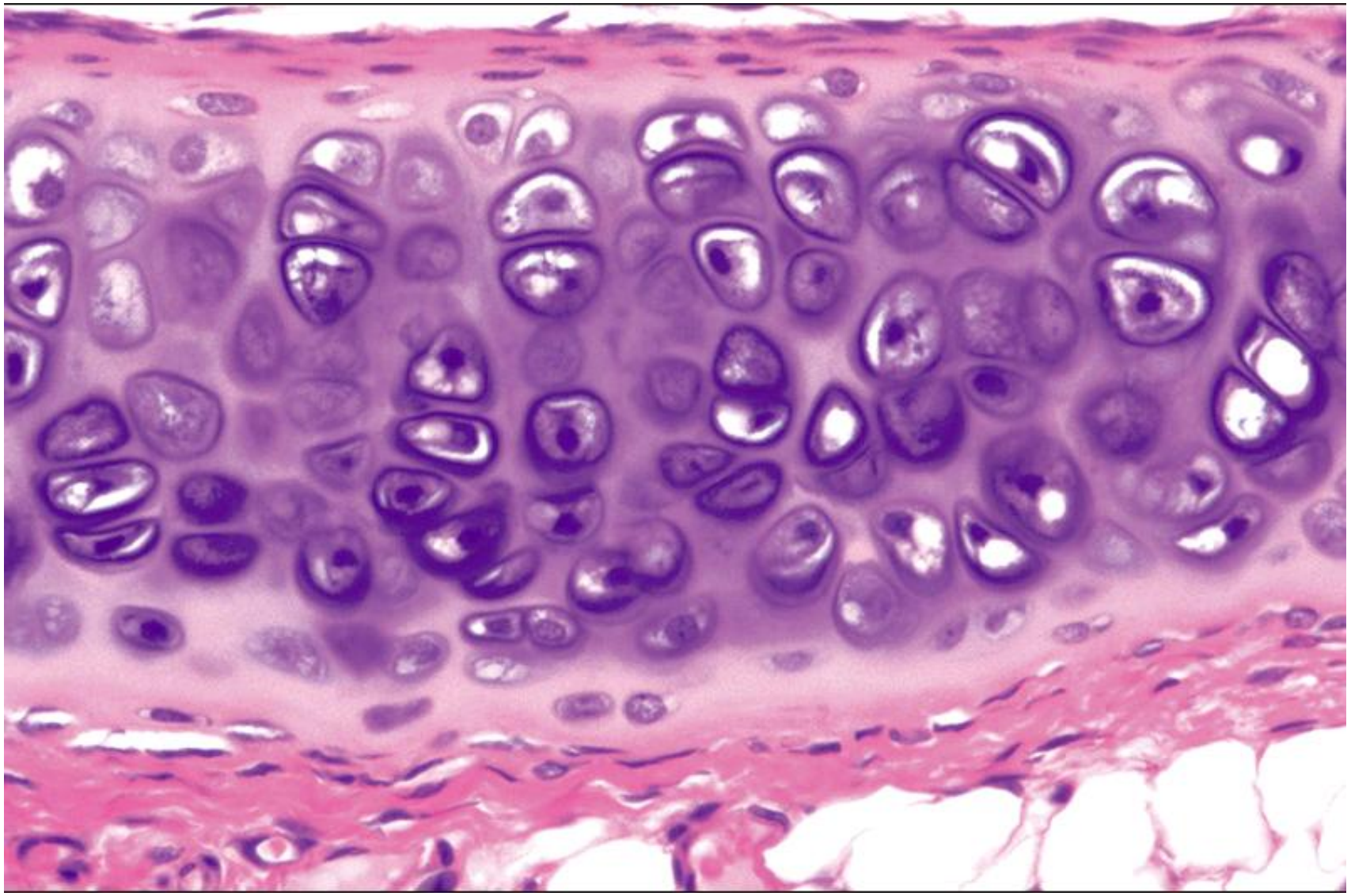
Brown adipocyte



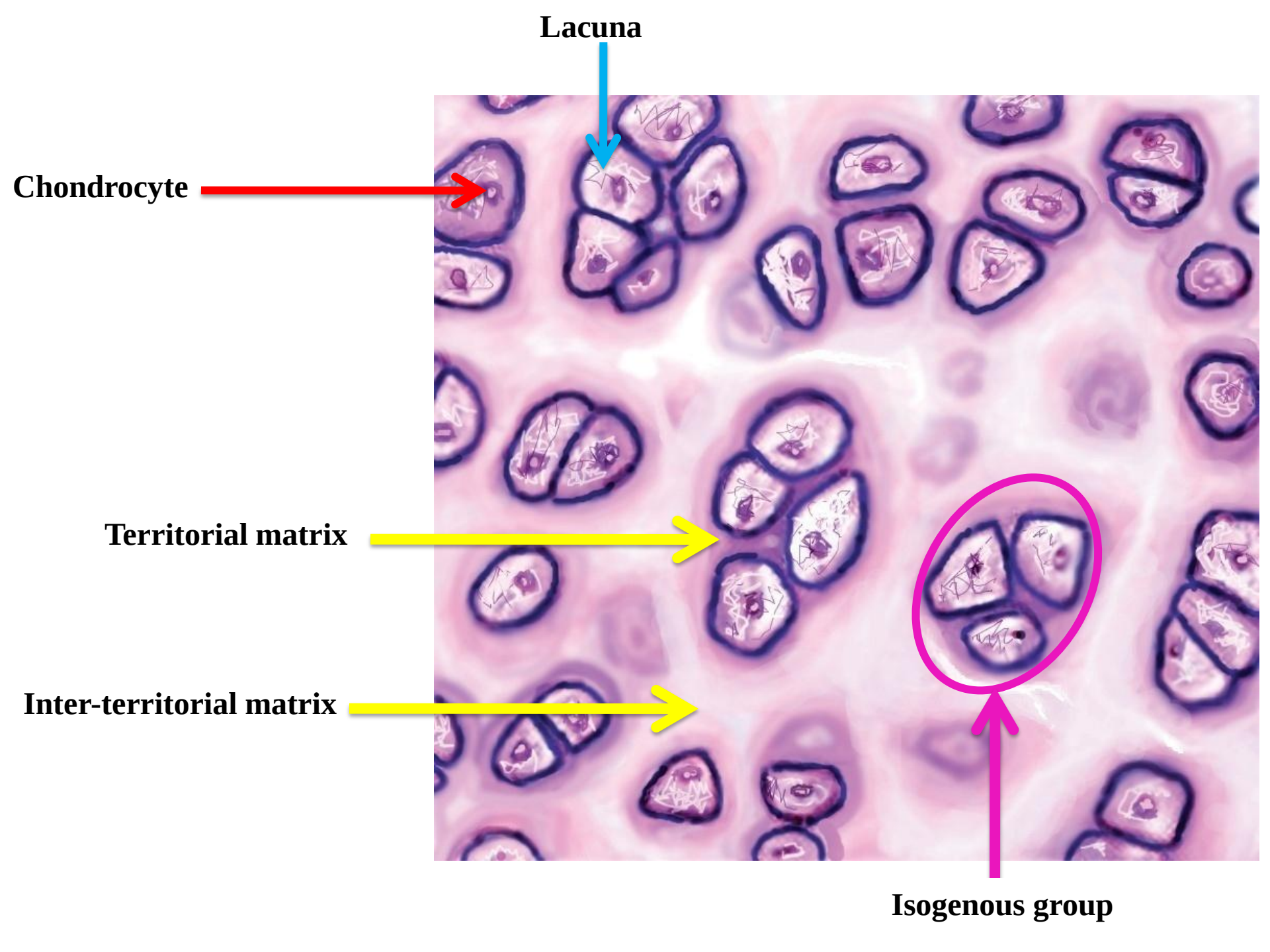
Embryonic CT

Cartilage

Hyaline cartilage

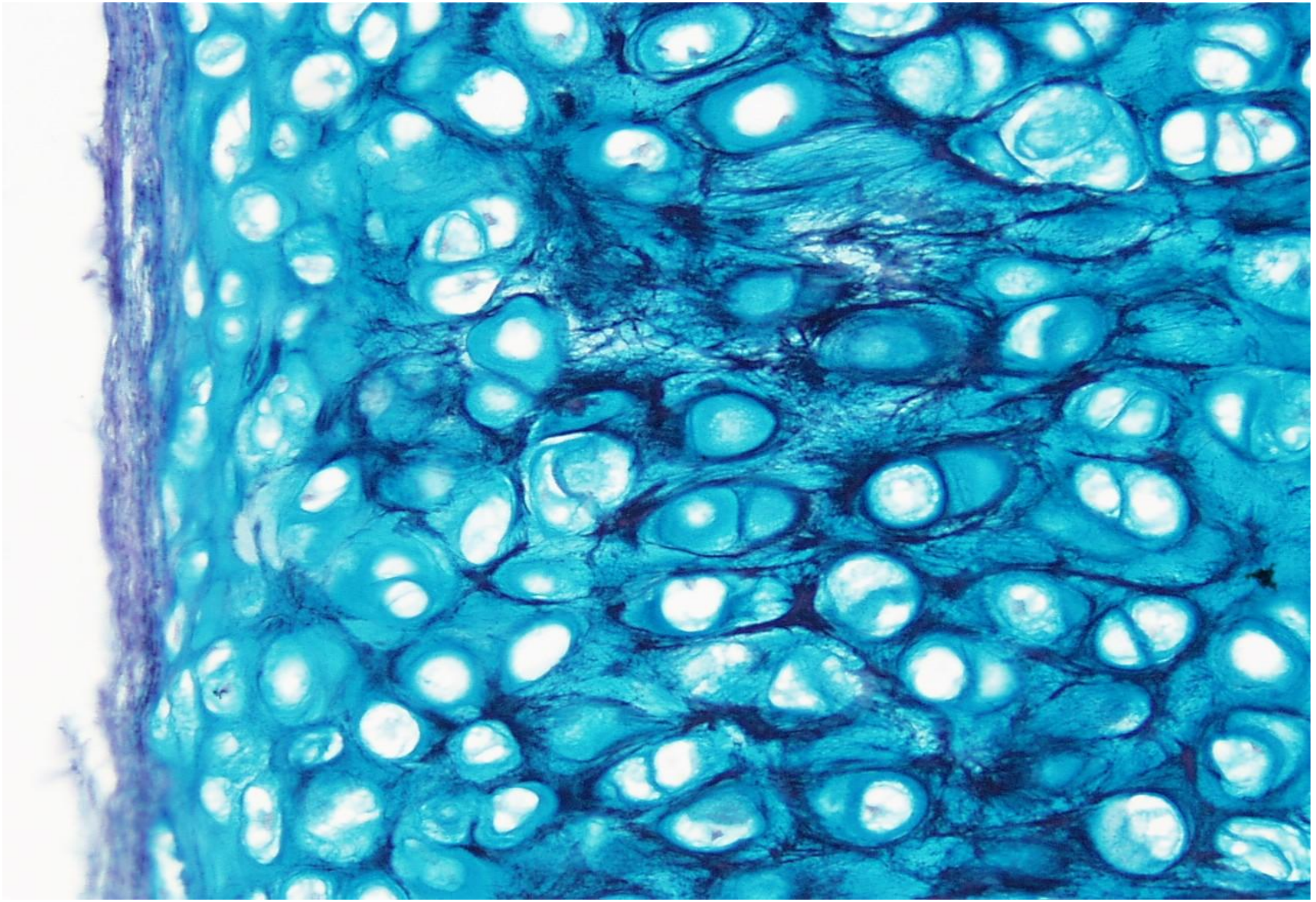


Hyaline cartilage

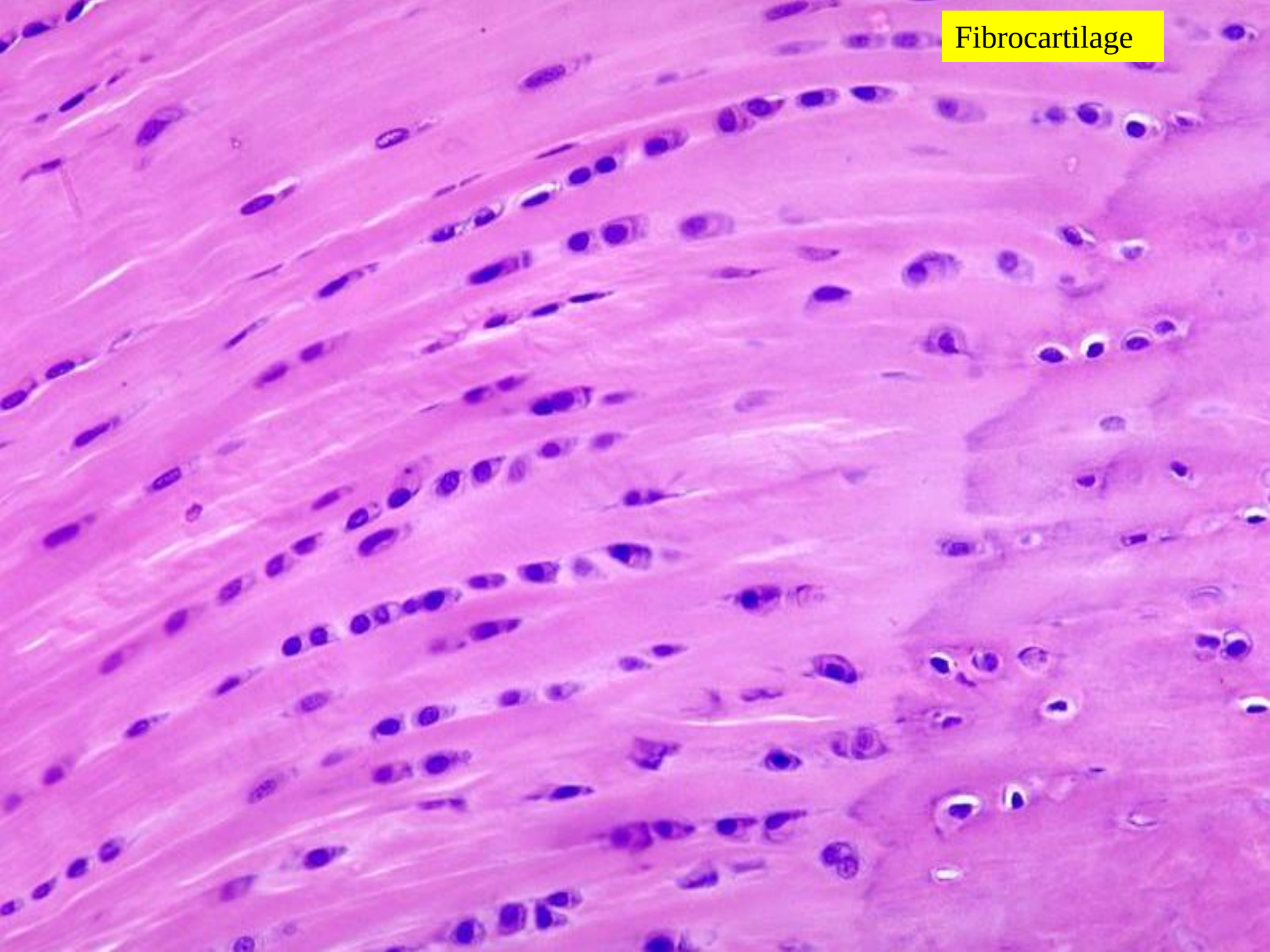

Lacuna
Chondrocyte
Territorial matrix
Inter-territorial matrix
Isogenous group

Elastic cartilage

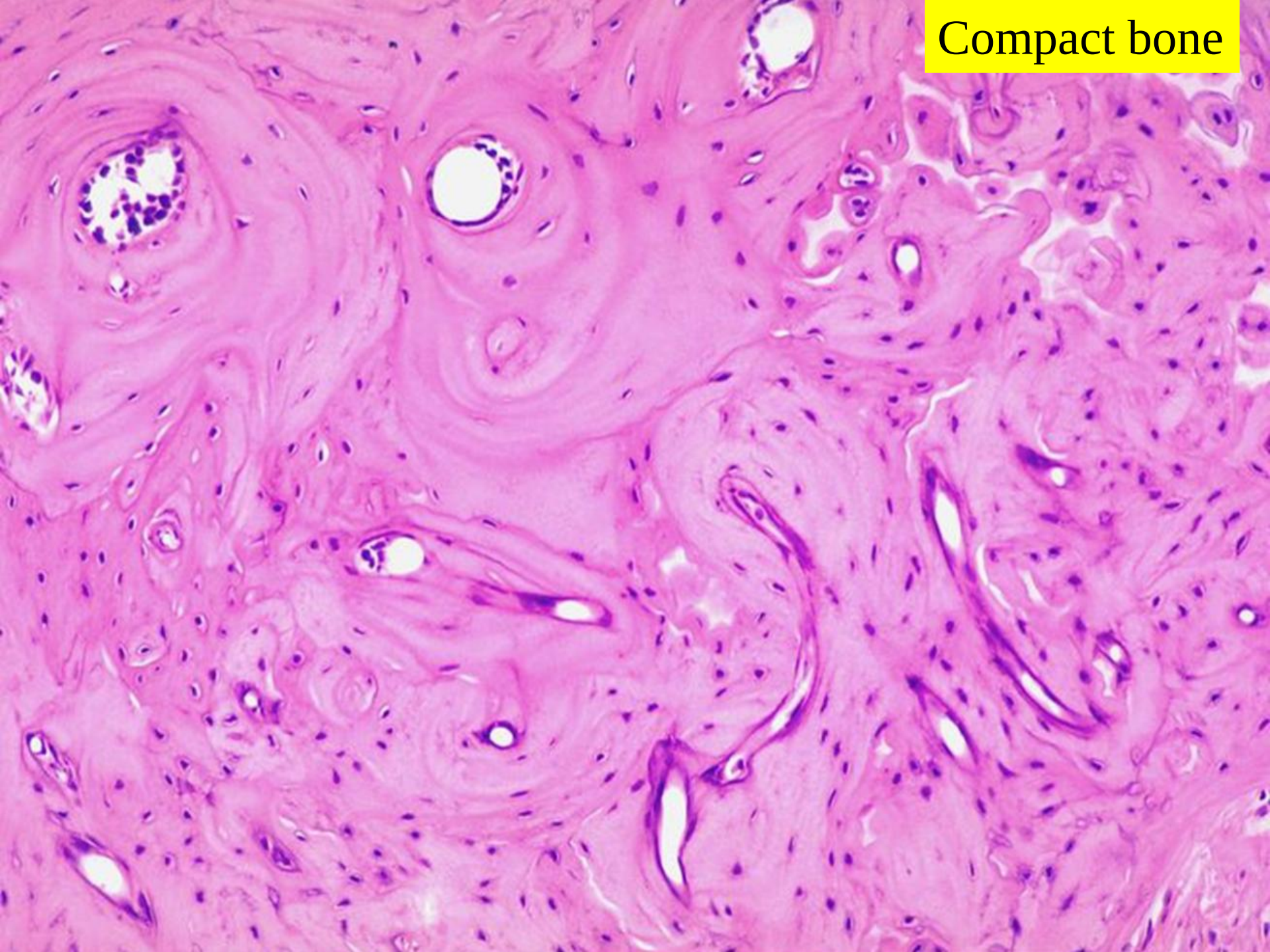
Elastic cartilage



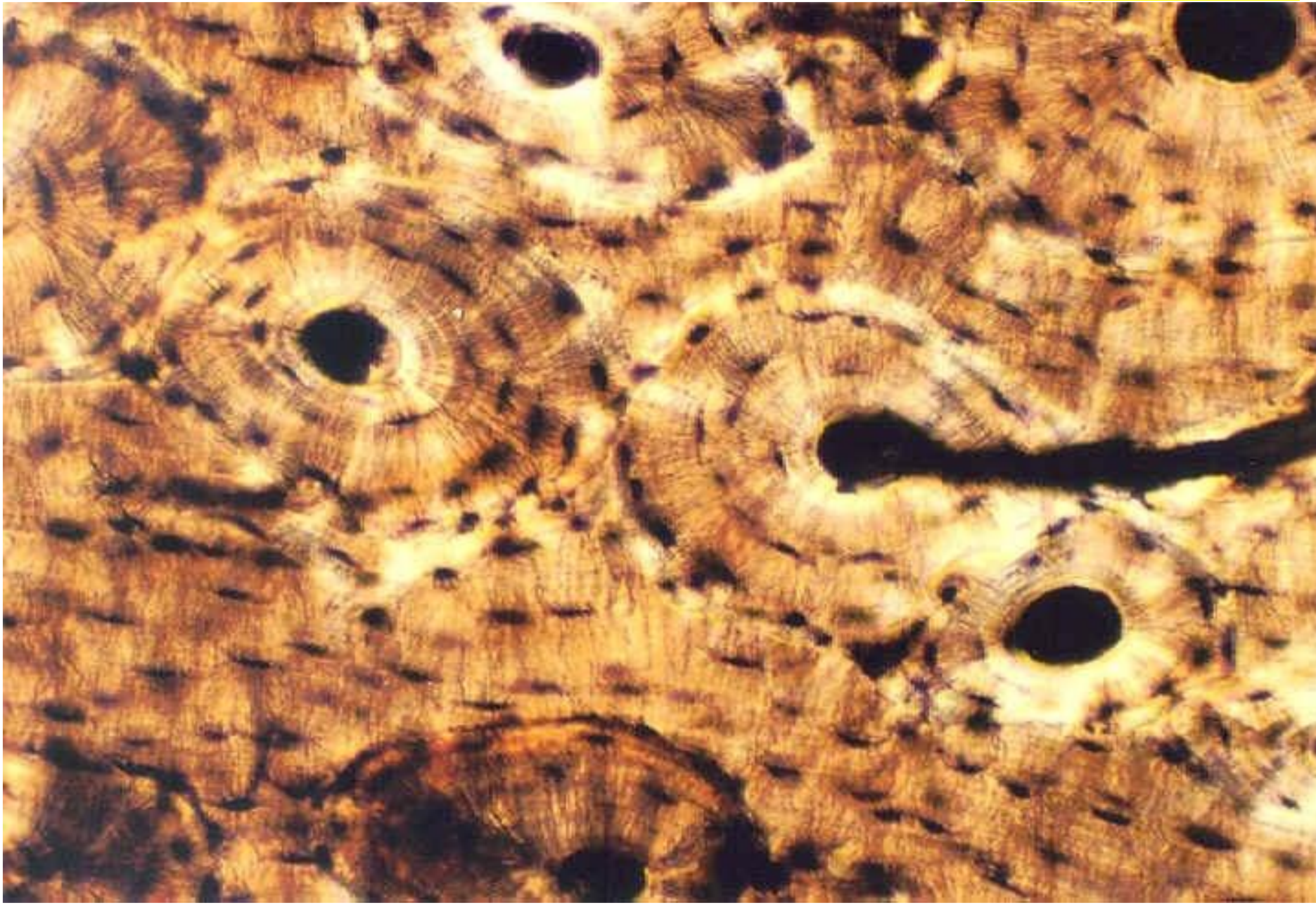
Fibrocartilage


Fibrocartilage

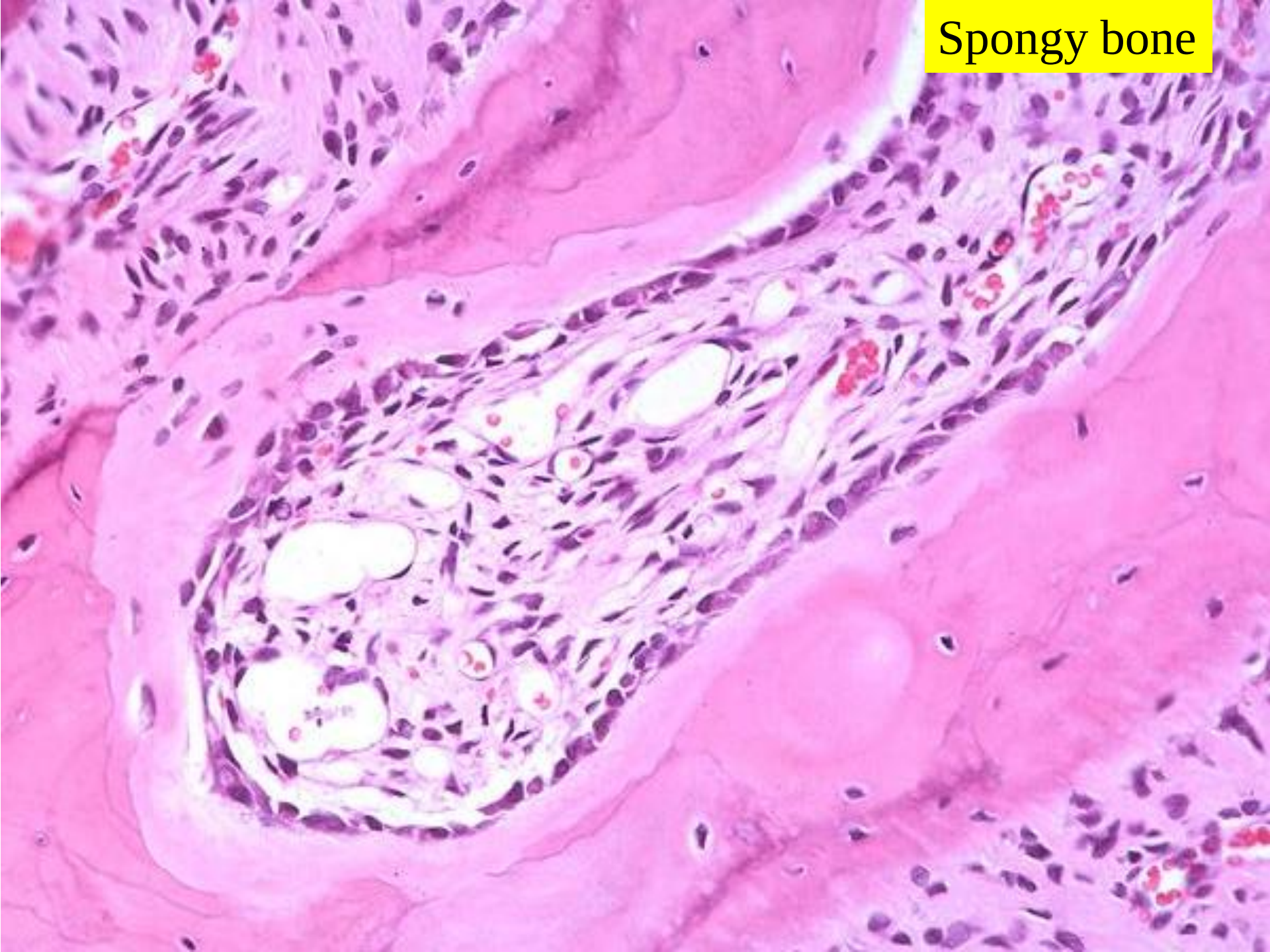
Bone


Compact bone

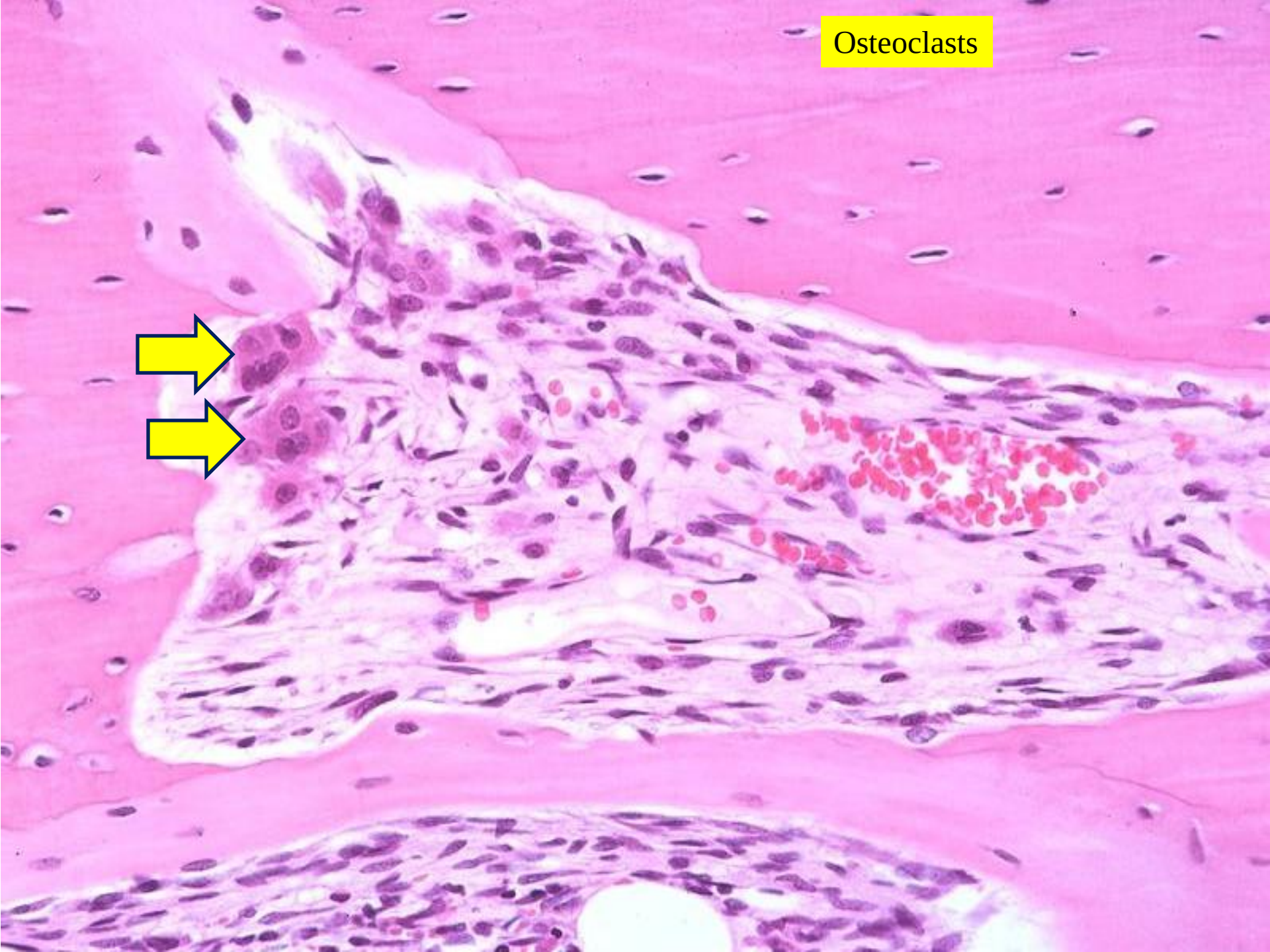
Compact bone

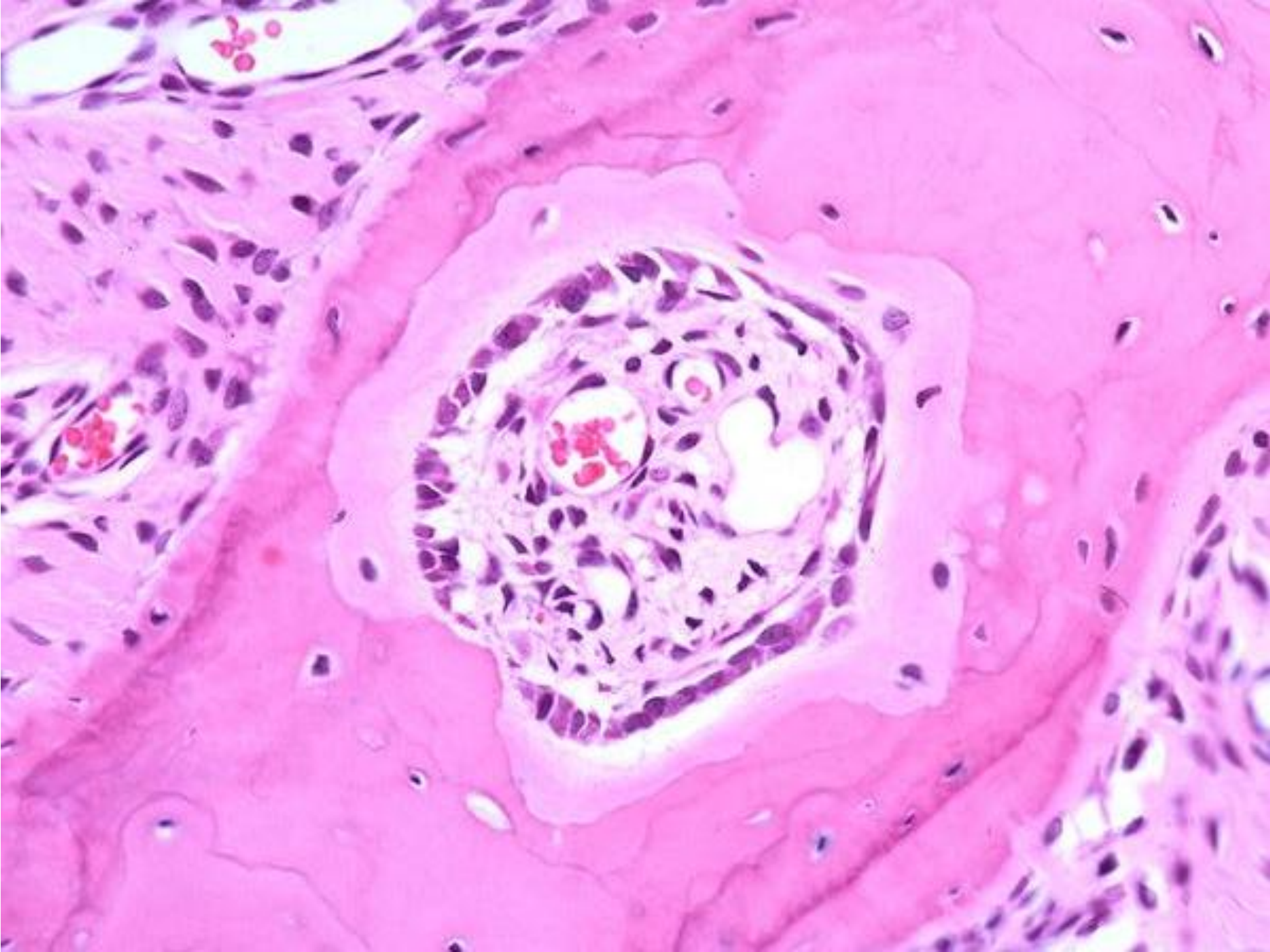


Spongy bone


Spongy bone

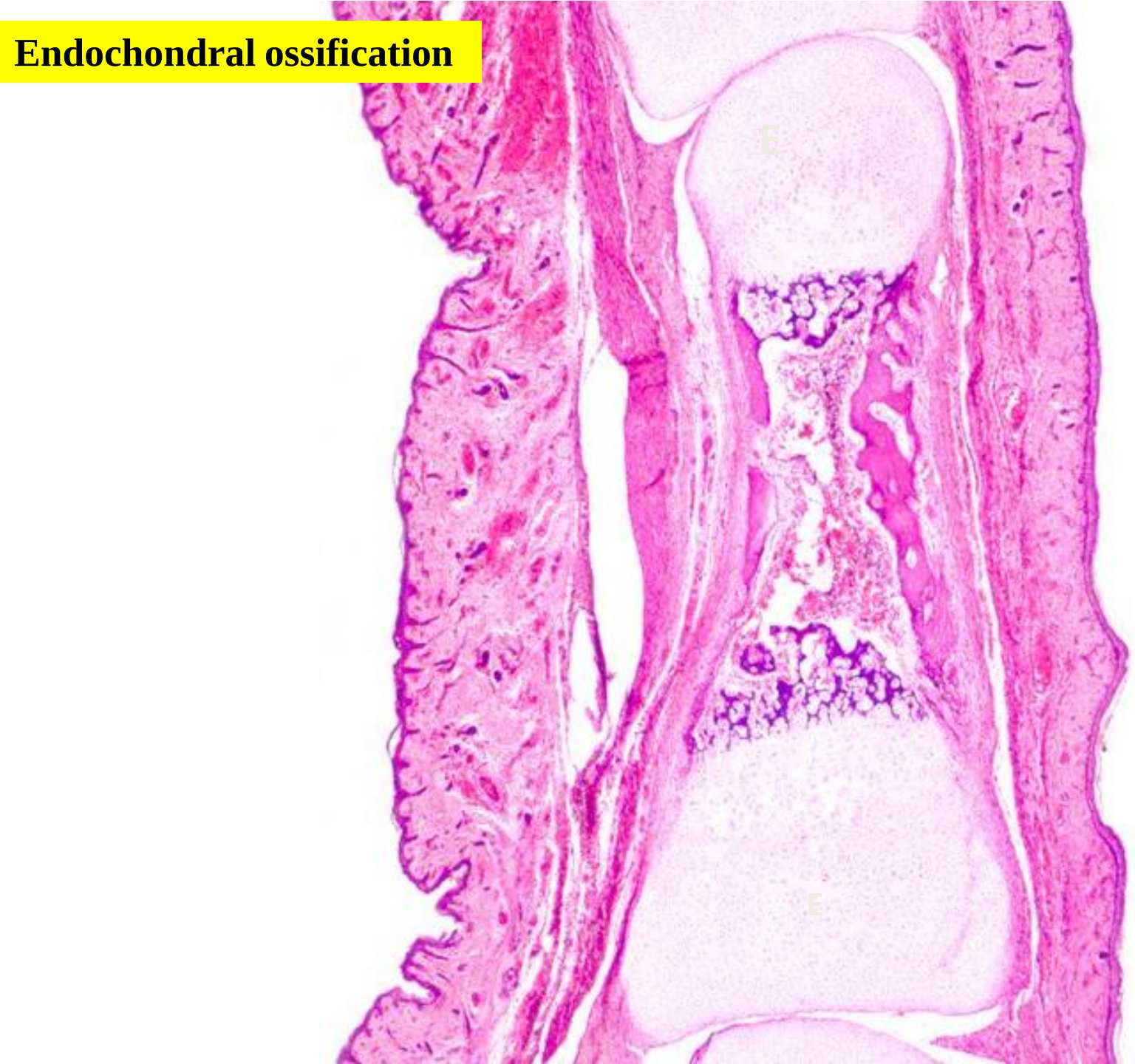
Osteocytes

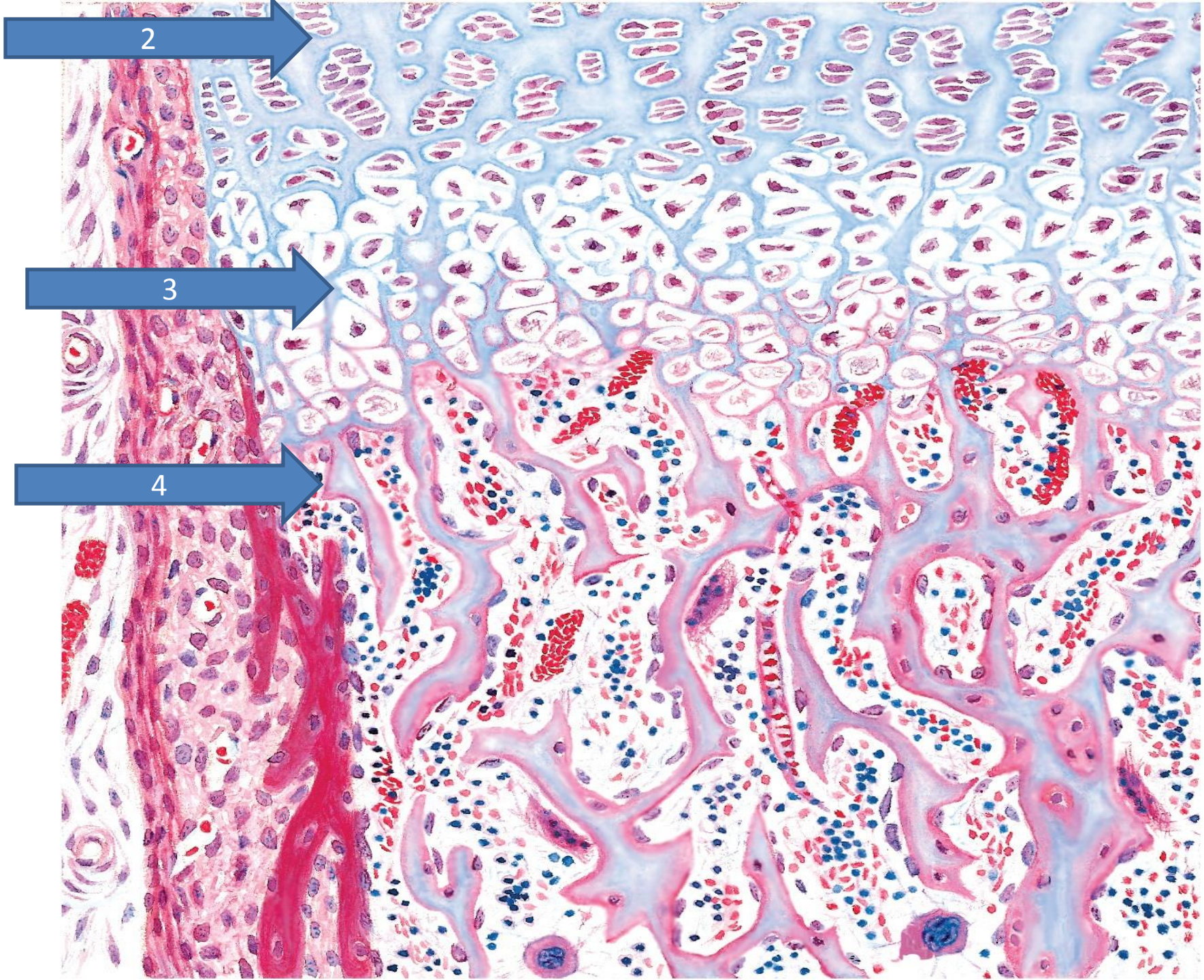

Osteoclasts



Intramembranous ossification

Endochondral ossification

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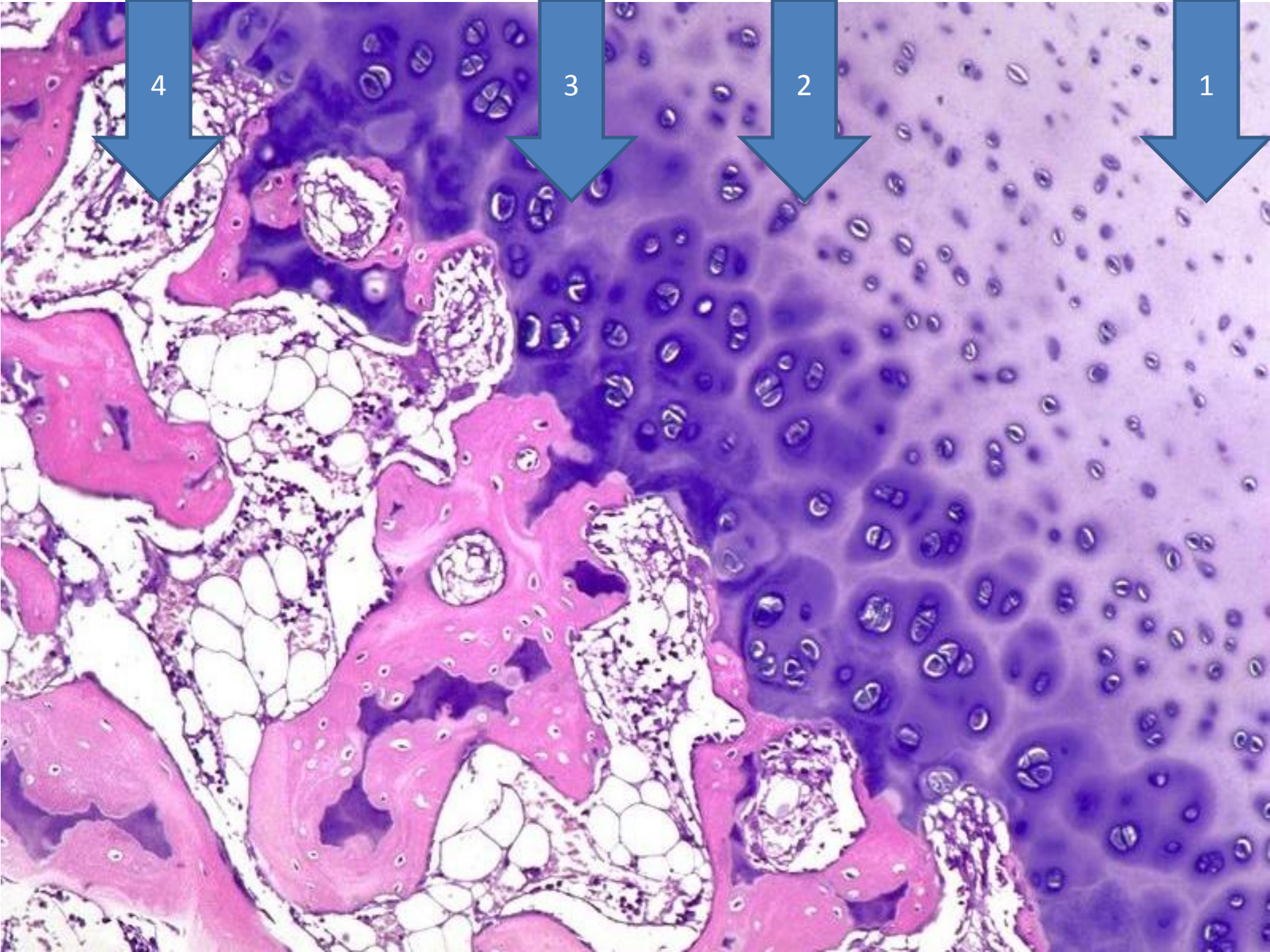
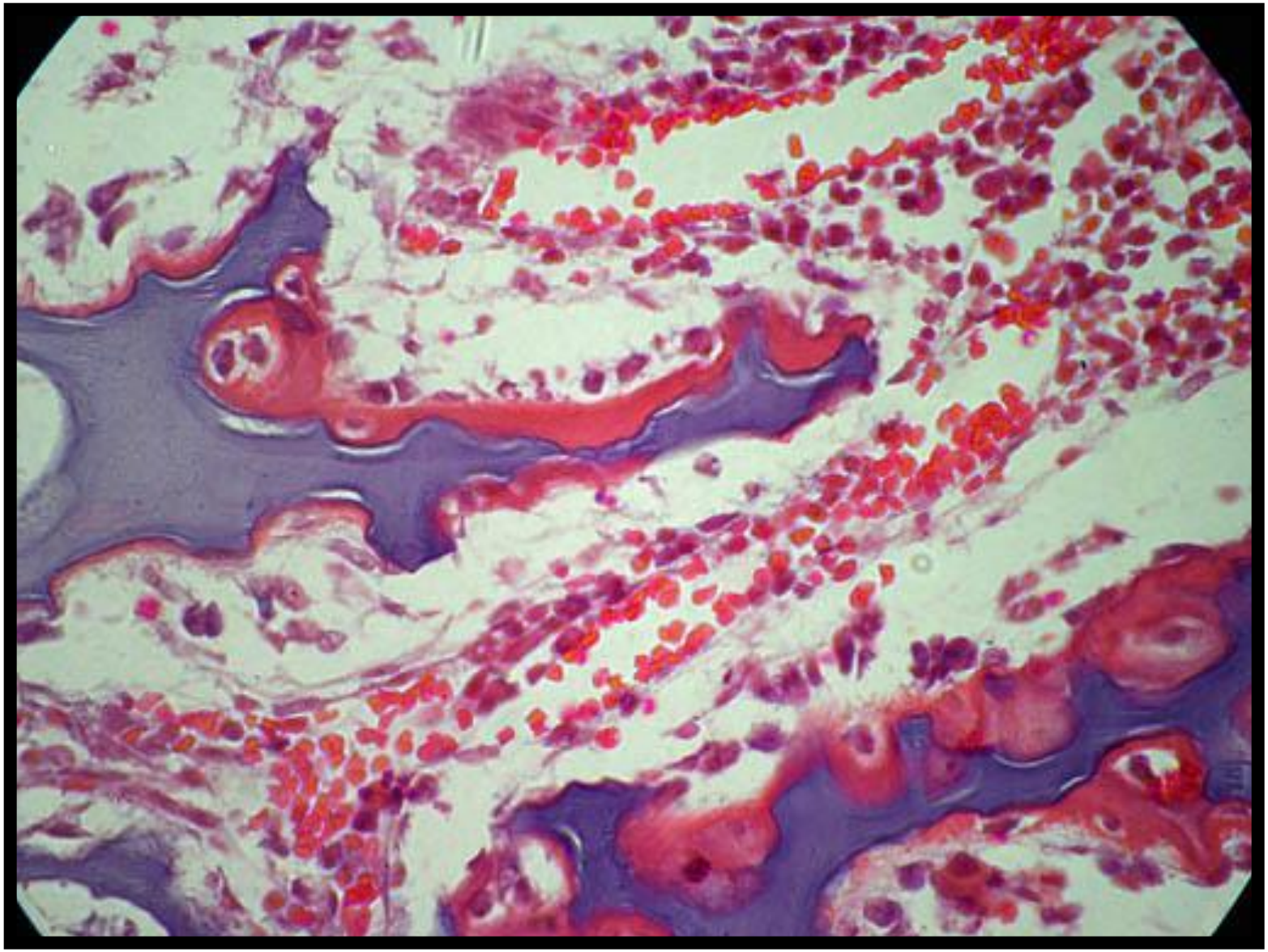
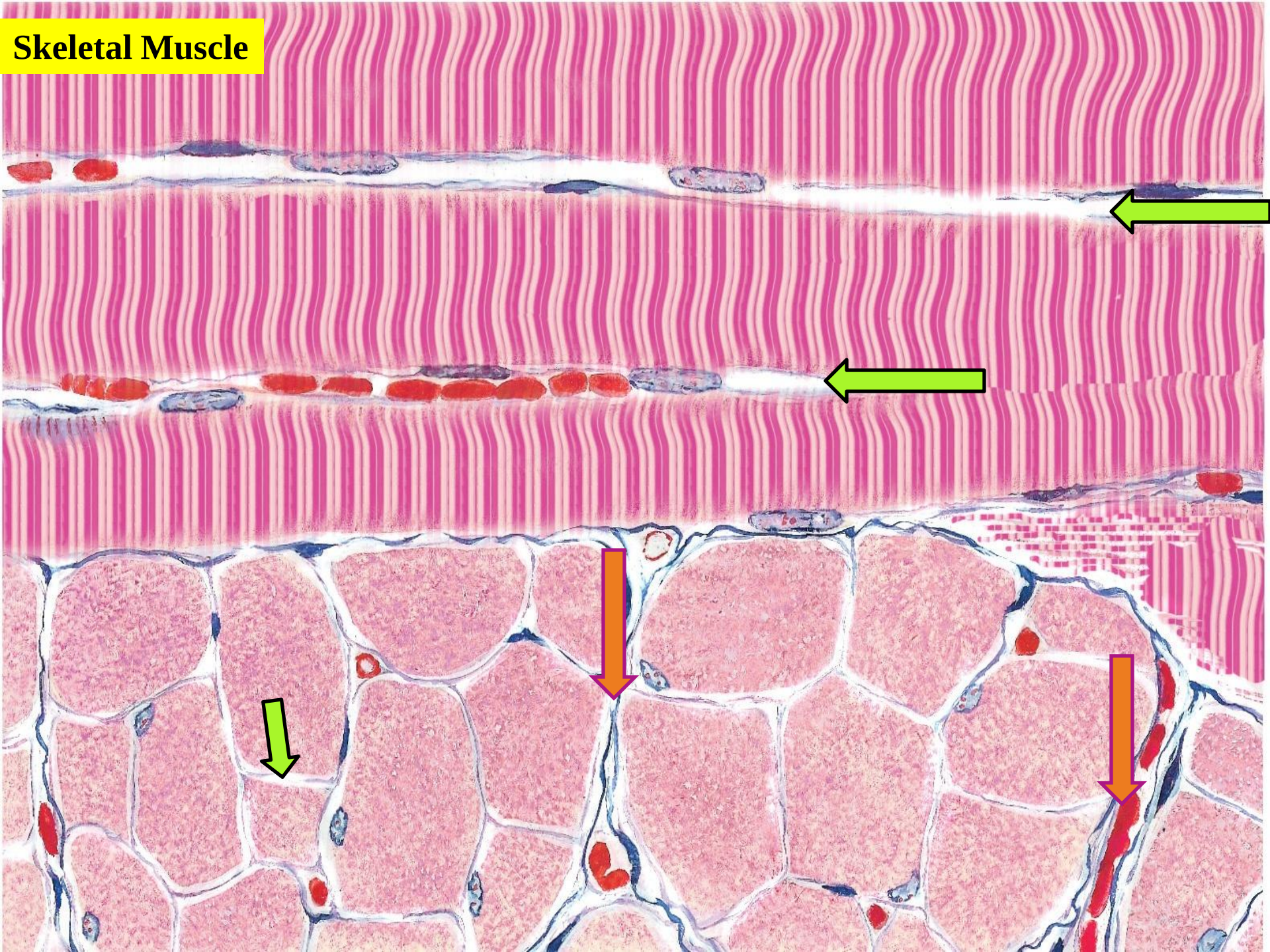
3
4


4
3
2
1

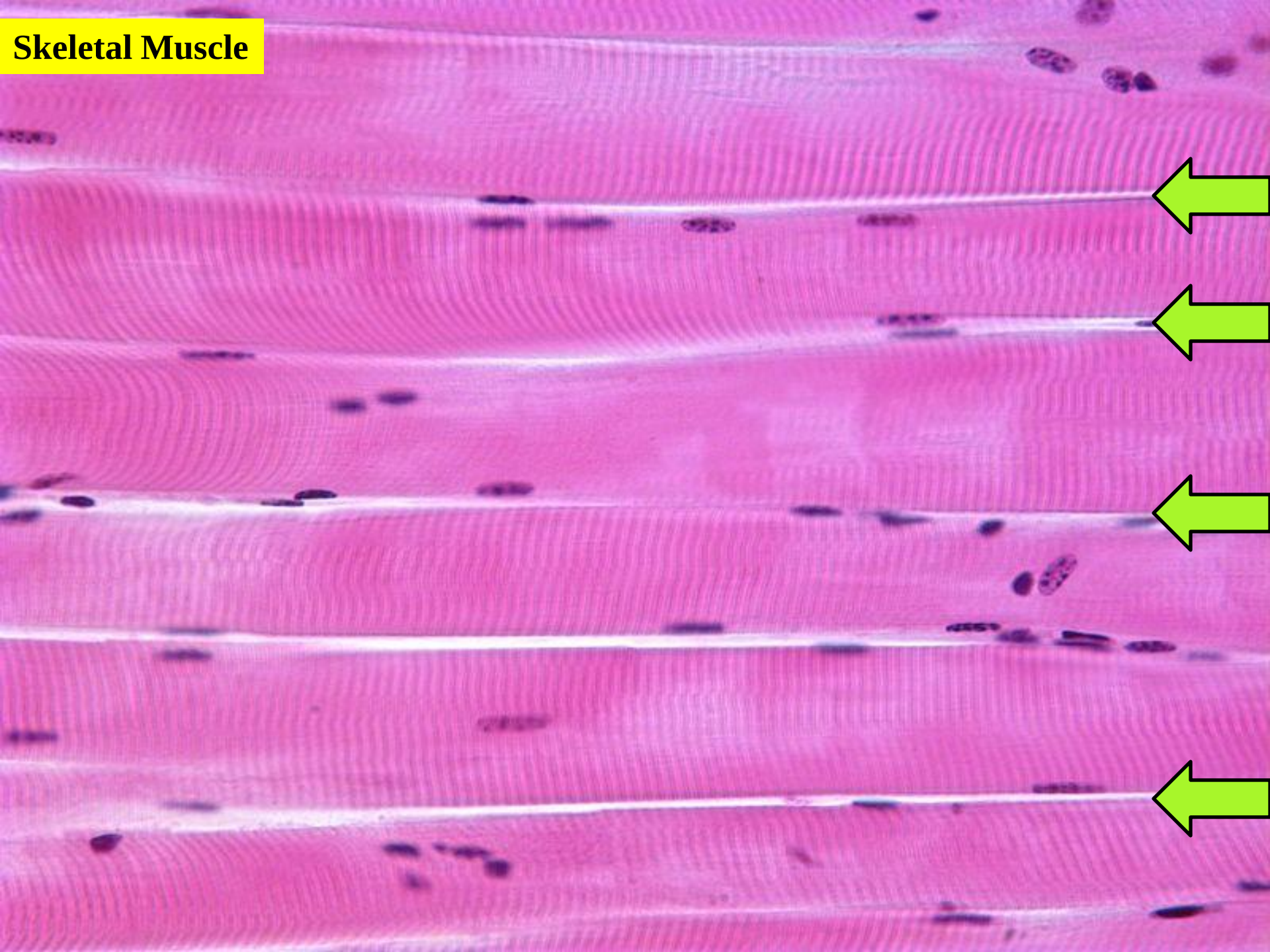


Muscle

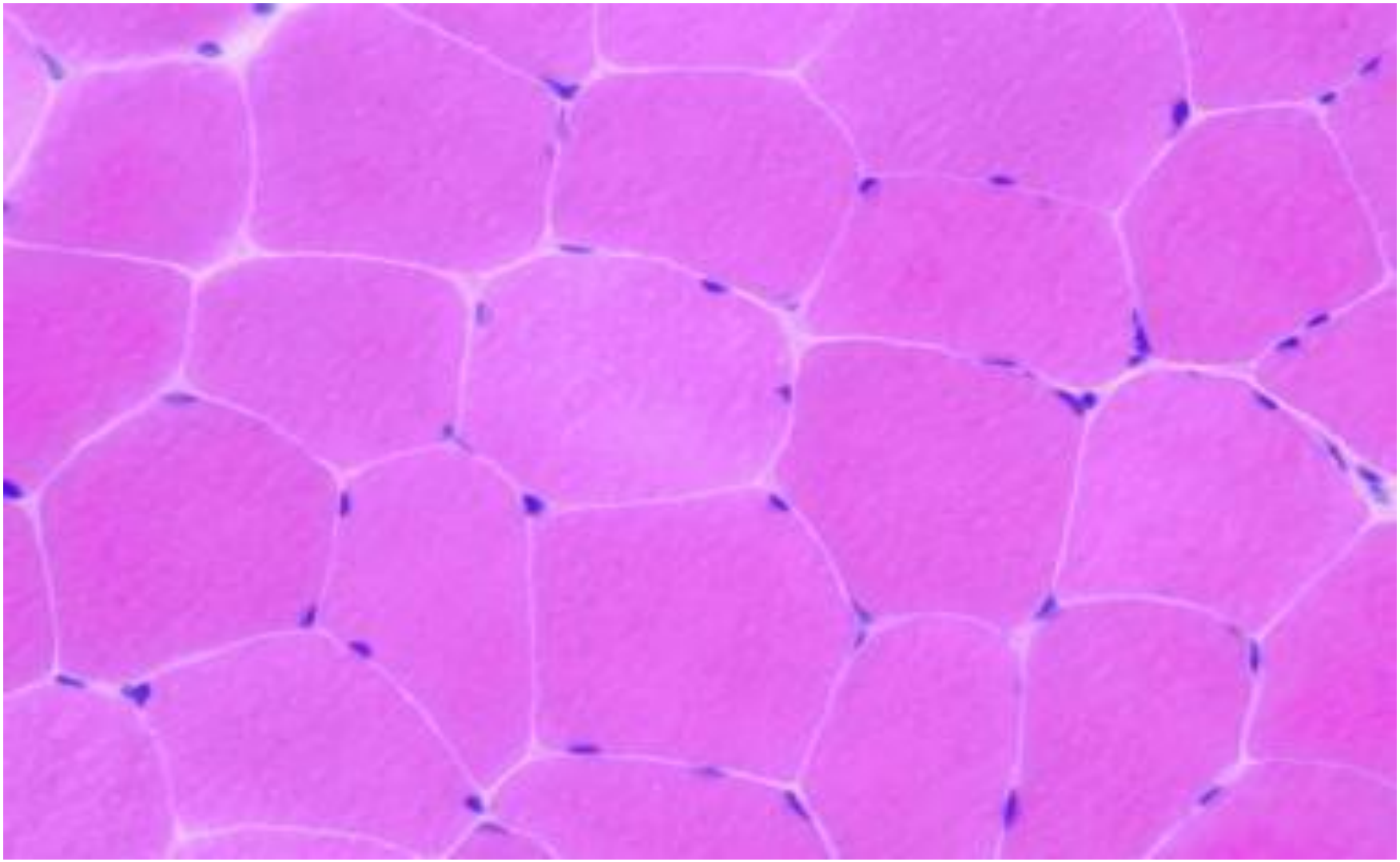
Skeletal Muscle

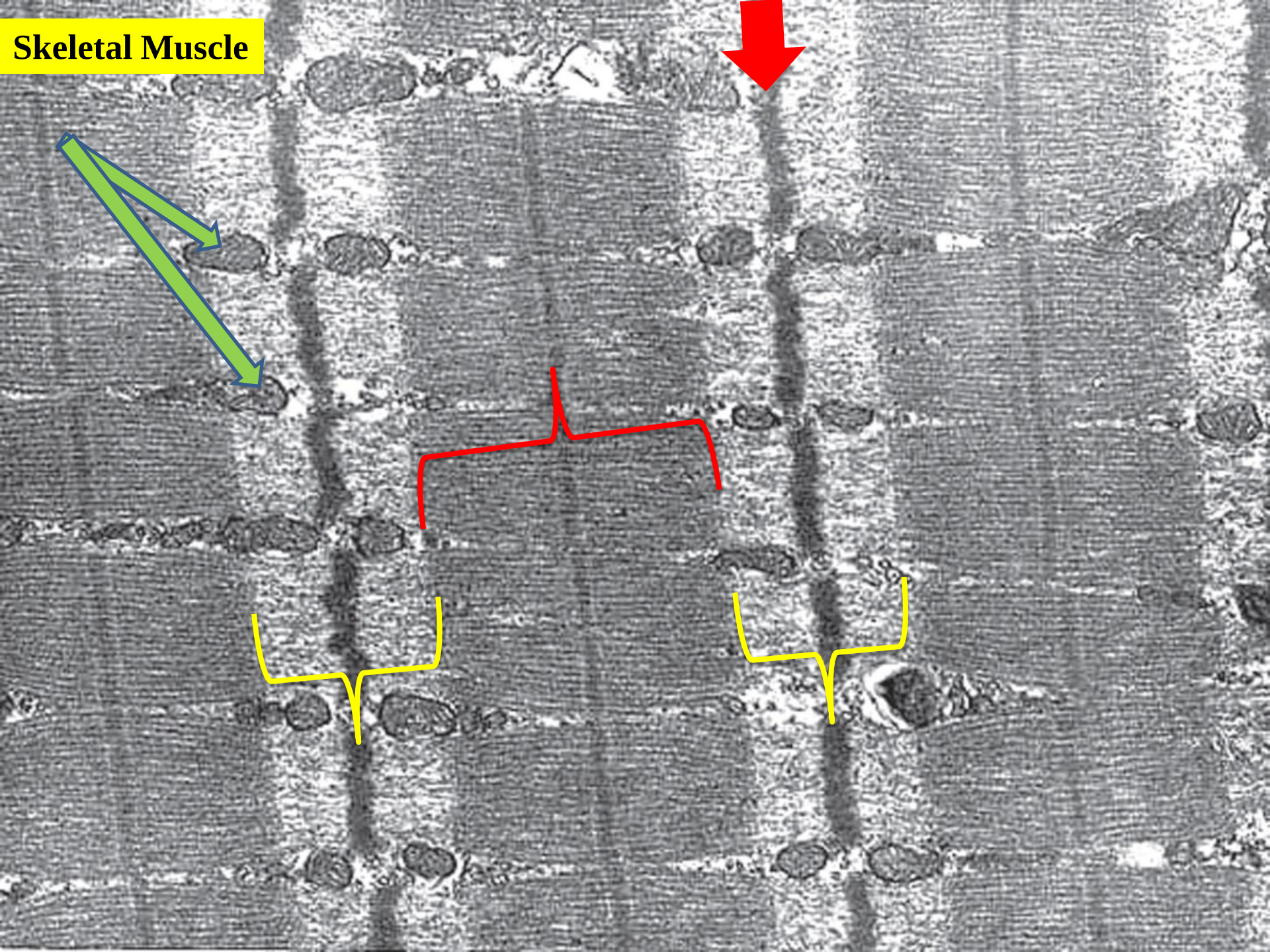


Skeletal Muscle

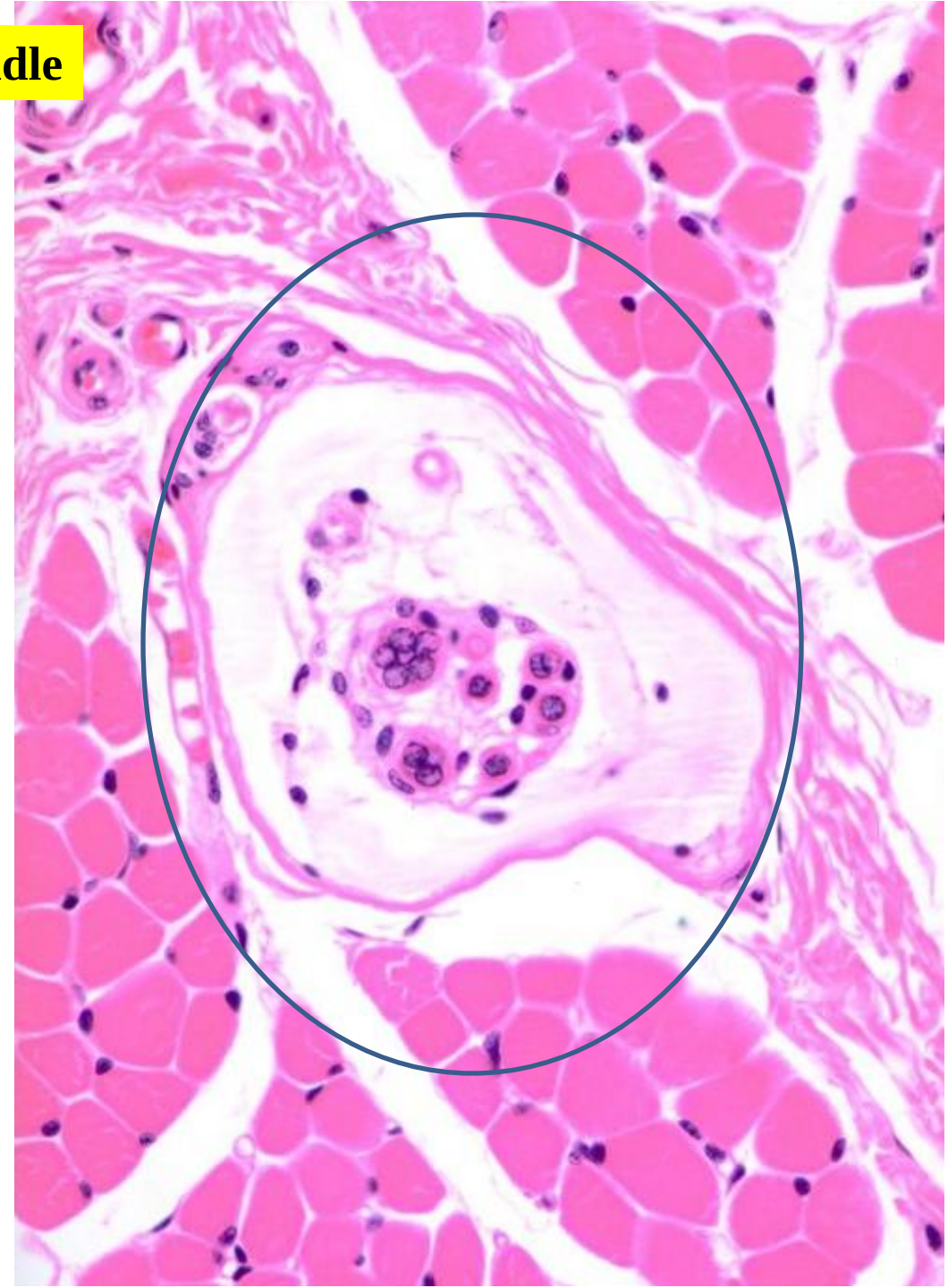


Skeletal Muscle

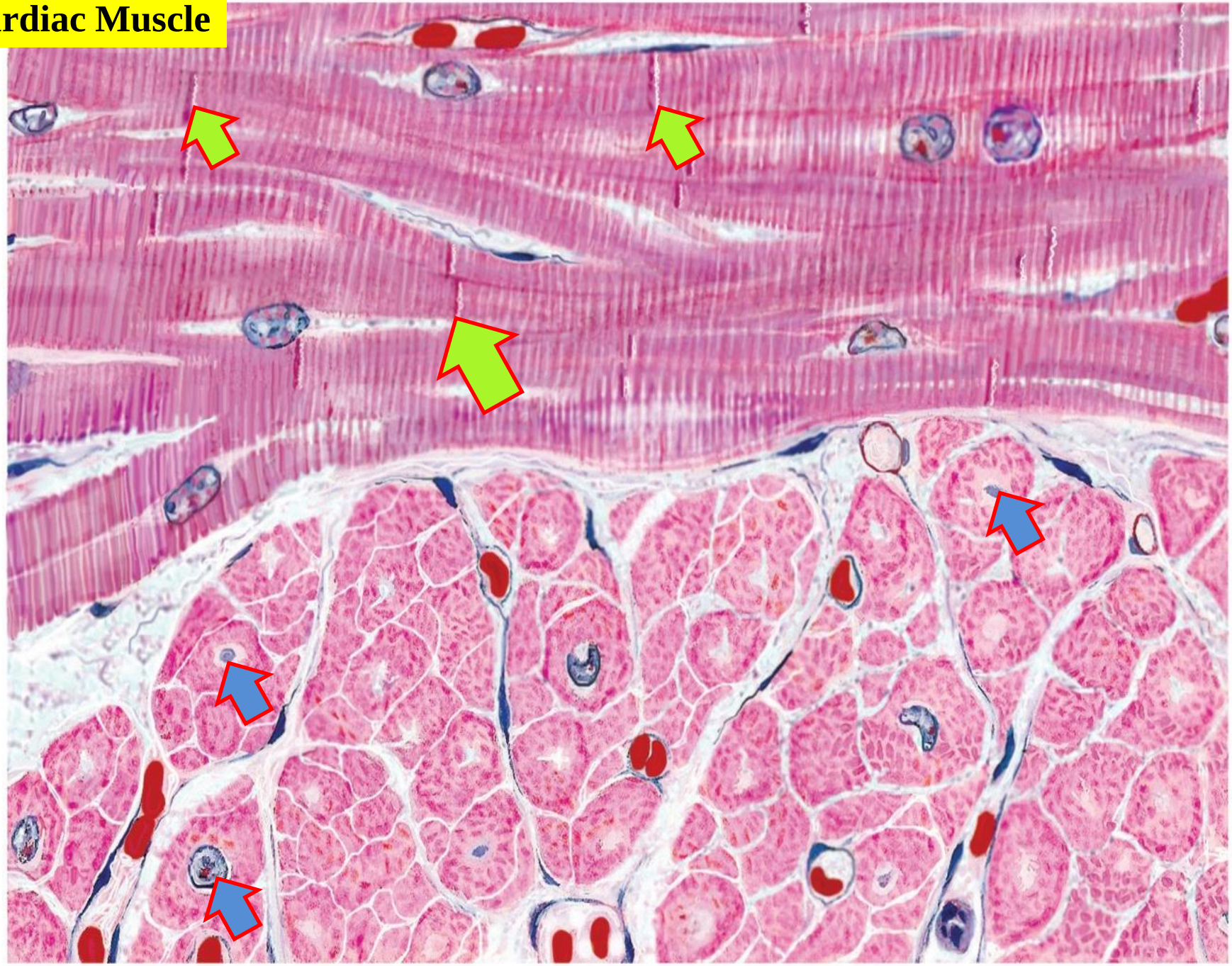



Skeletal Muscle

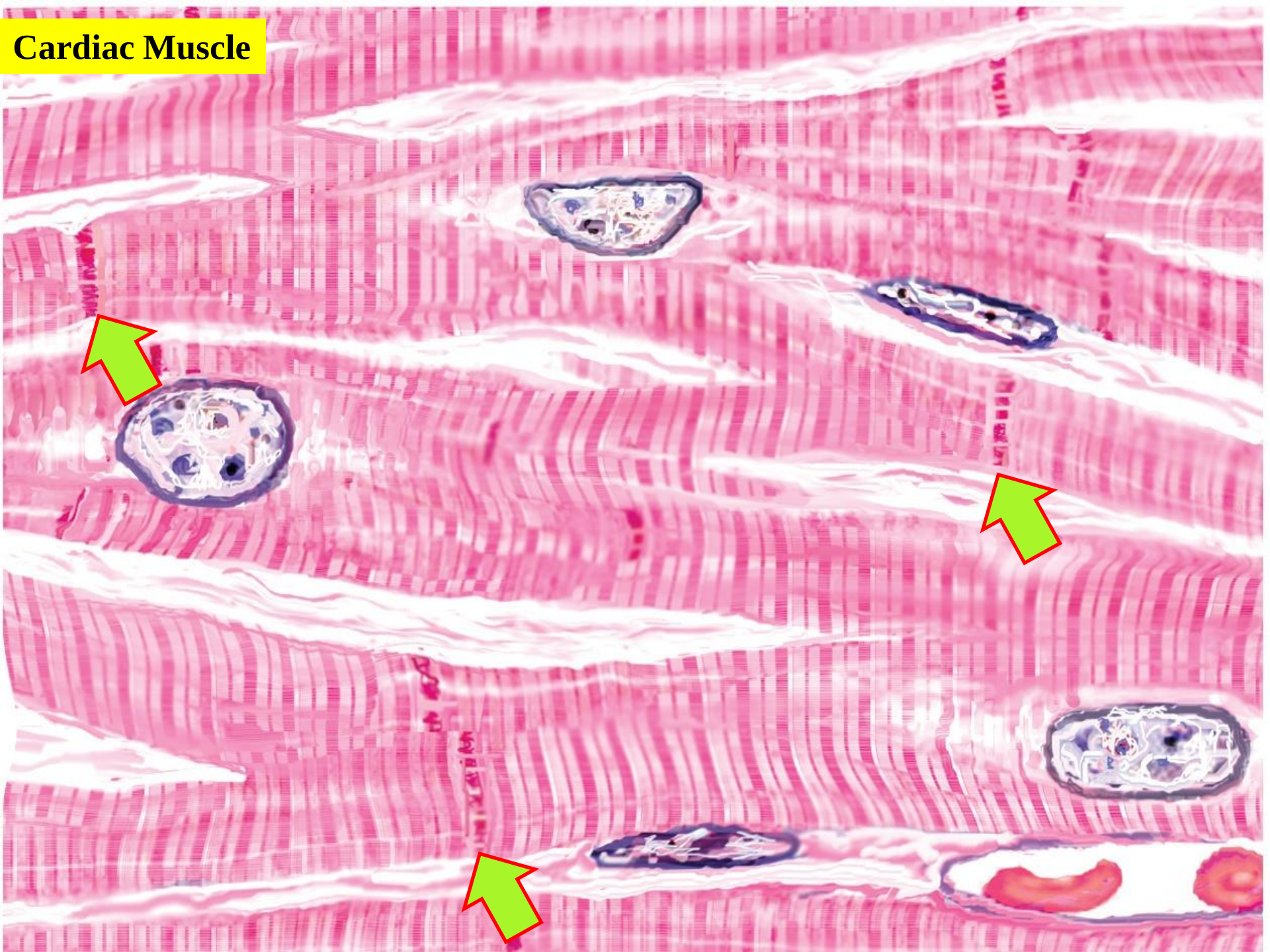
Muscle spindle



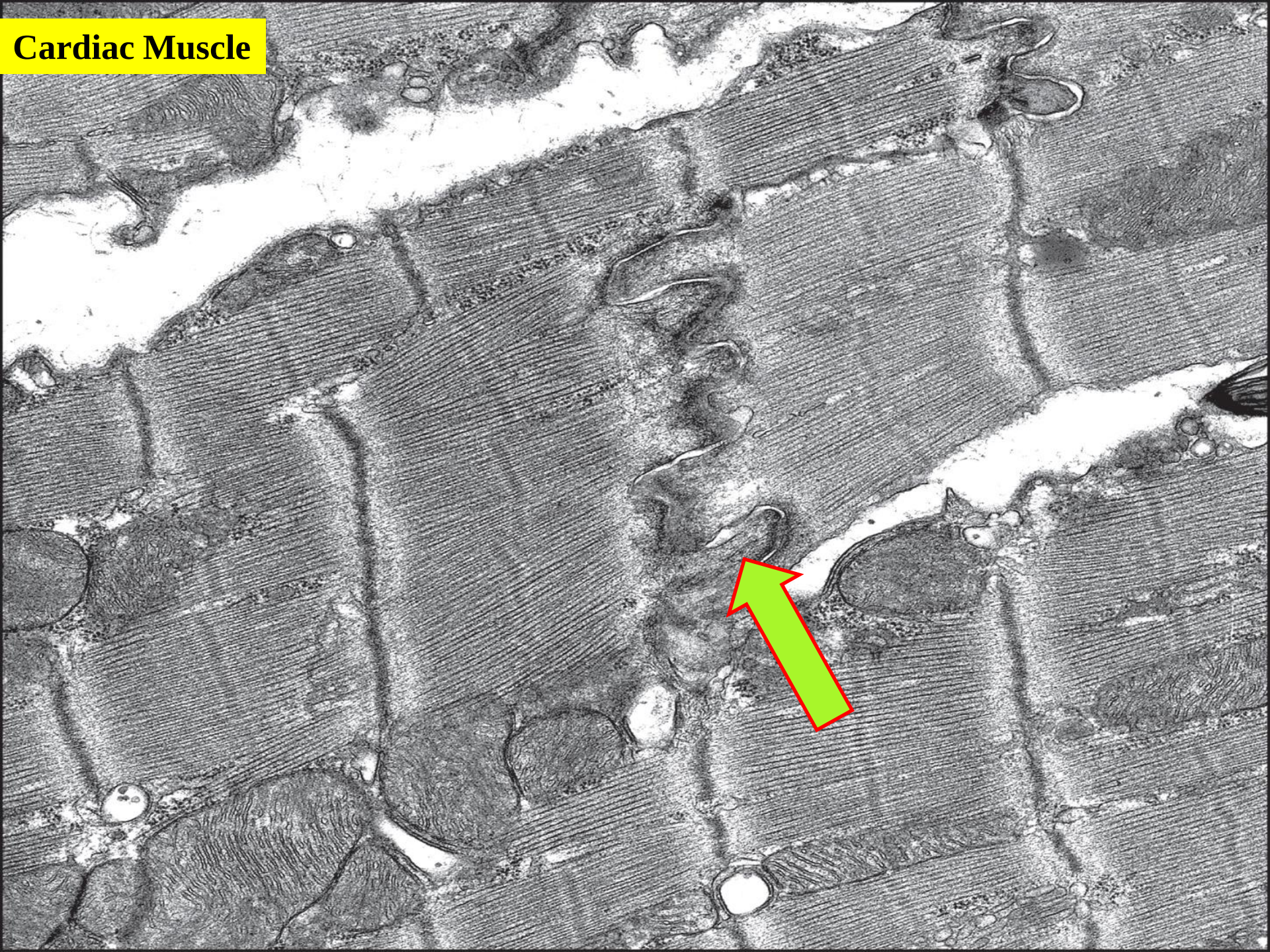
Cardiac Muscle



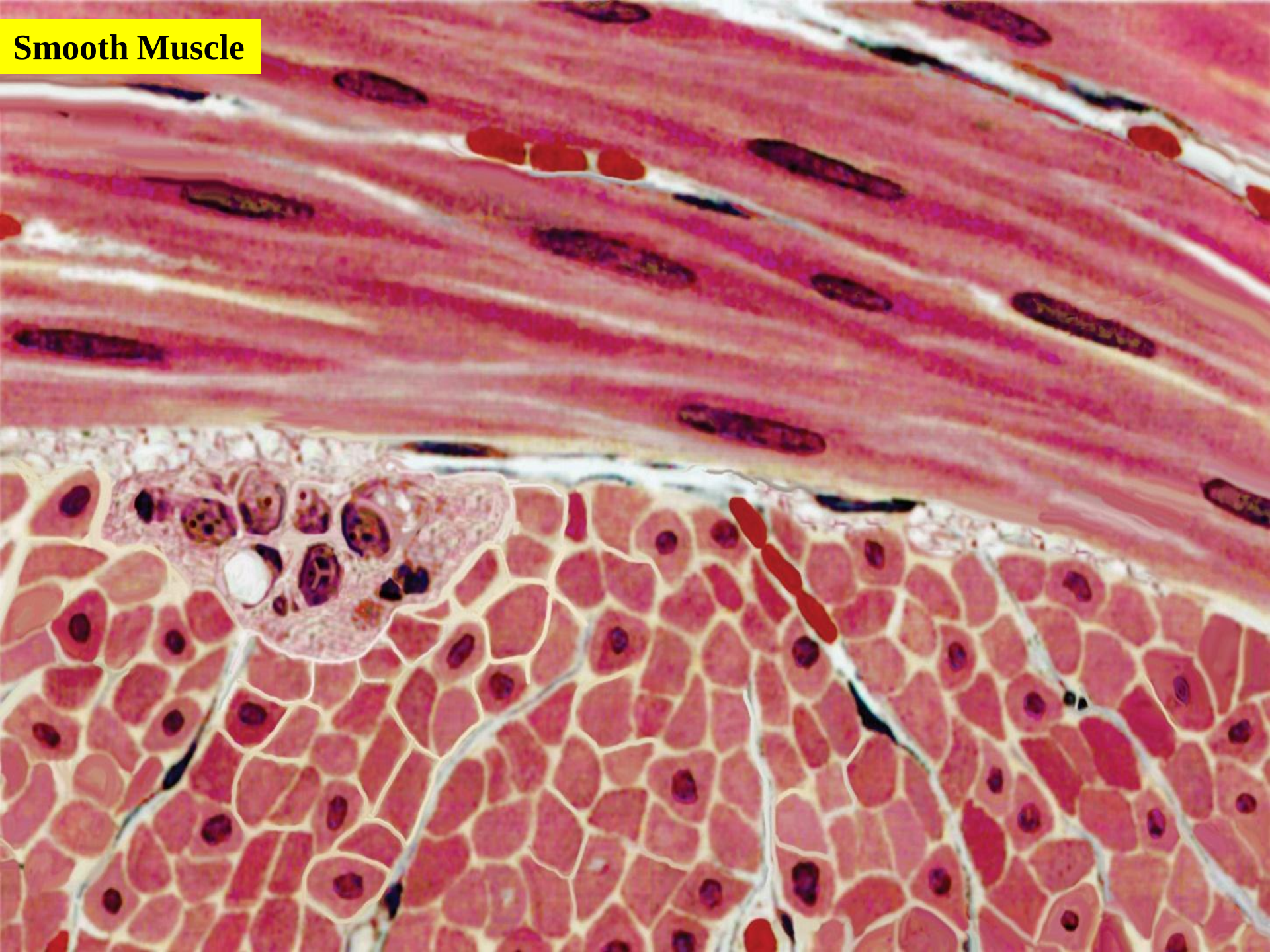
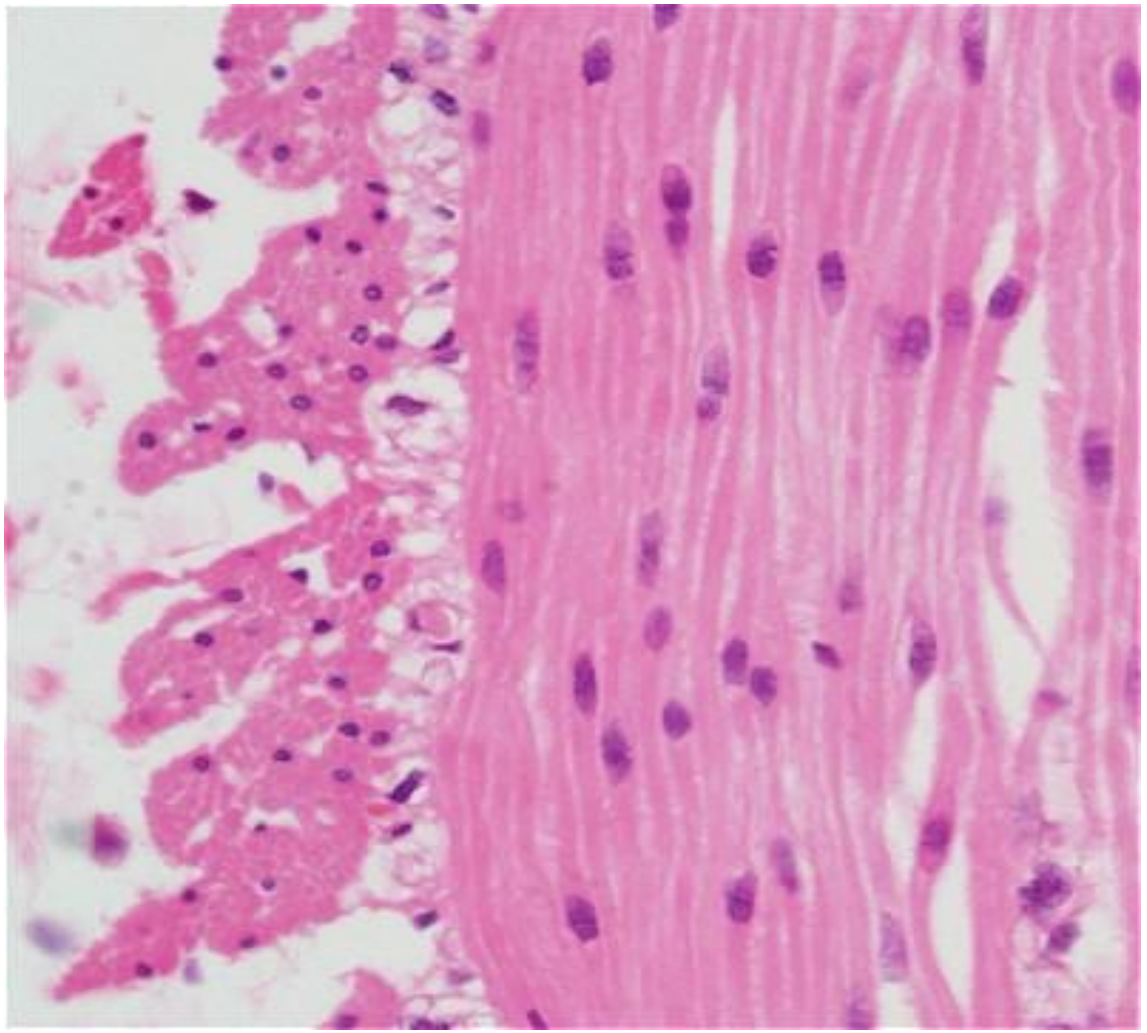
Cardiac Muscle



Cardiac Muscle



Smooth Muscle



Smooth Muscle